

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077130.D
 Acq On : 18 Sep 2023 15:26
 Operator : JC/SY
 Sample : VD0918SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 04:56:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	215106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	358844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	344798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	176638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	109415	50.401	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.800%	
35) Dibromofluoromethane	7.804	113	125196	50.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.460%	
50) Toluene-d8	10.269	98	453527	51.120	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.575	95	138222	50.267	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	55389	24.917	ug/l	92
3) Chloromethane	2.146	50	89580	21.800	ug/l	99
4) Vinyl Chloride	2.281	62	101361	23.060	ug/l	99
5) Bromomethane	2.681	94	63285	19.768	ug/l	100
6) Chloroethane	2.828	64	53641	19.612	ug/l	100
7) Trichlorofluoromethane	3.169	101	93049	23.420	ug/l	100
8) Diethyl Ether	3.593	74	24313	18.961	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.963	101	59213	23.838	ug/l	98
10) Methyl Iodide	4.158	142	73762	20.776	ug/l	92
11) Tert butyl alcohol	5.052	59	11922	96.321	ug/l	100
12) 1,1-Dichloroethene	3.940	96	54870	21.928	ug/l	85
13) Acrolein	3.799	56	13376	150.721	ug/l	100
14) Allyl chloride	4.558	41	63063	20.657	ug/l	93
15) Acrylonitrile	5.252	53	55362	102.962	ug/l	99
16) Acetone	4.022	43	48680	98.114	ug/l #	76
17) Carbon Disulfide	4.269	76	178181	21.630	ug/l	97
18) Methyl Acetate	4.563	43	38110	20.313	ug/l	94
19) Methyl tert-butyl Ether	5.310	73	109553	20.233	ug/l	97
20) Methylene Chloride	4.799	84	85279	23.188	ug/l	88
21) trans-1,2-Dichloroethene	5.310	96	62816	20.767	ug/l	97
22) Diisopropyl ether	6.216	45	140345	20.332	ug/l	95
23) Vinyl Acetate	6.157	43	338725	122.748	ug/l	96
24) 1,1-Dichloroethane	6.110	63	102096	20.608	ug/l	99
25) 2-Butanone	7.075	43	65754	100.734	ug/l	91
26) 2,2-Dichloropropane	7.075	77	87499	20.807	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	67781	19.933	ug/l	96
28) Bromochloromethane	7.422	49	32078	21.086	ug/l	88
29) Tetrahydrofuran	7.440	42	40268	105.527	ug/l	88
30) Chloroform	7.593	83	108765	20.371	ug/l	91
31) Cyclohexane	7.875	56	82460	21.712	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	96296	21.607	ug/l	97
36) 1,1-Dichloropropene	8.004	75	82975	22.105	ug/l	97
37) Ethyl Acetate	7.169	43	28602	19.860	ug/l	96
38) Carbon Tetrachloride	7.993	117	79469	21.540	ug/l	93
39) Methylcyclohexane	9.275	83	96111	22.253	ug/l	98
40) Benzene	8.246	78	236673	20.379	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15962	20.765	ug/l	# 93
42) 1,2-Dichloroethane	8.328	62	61409	21.327	ug/l	97
43) Isopropyl Acetate	8.357	43	54743	20.645	ug/l	91
44) Trichloroethene	9.028	130	65027	20.230	ug/l	92
45) 1,2-Dichloropropane	9.304	63	56840	20.150	ug/l	97
46) Dibromomethane	9.393	93	35433	21.616	ug/l	93
47) Bromodichloromethane	9.587	83	81772	20.643	ug/l	# 97
48) Methyl methacrylate	9.381	41	25833	21.440	ug/l	# 81
49) 1,4-Dioxane	9.387	88	6126	414.031	ug/l	# 92
51) 4-Methyl-2-Pentanone	10.157	43	141520	102.050	ug/l	91
52) Toluene	10.334	92	155242	20.895	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	75357	20.363	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	90246	20.354	ug/l	# 91
55) 1,1,2-Trichloroethane	10.734	97	44967	20.169	ug/l	96
56) Ethyl methacrylate	10.598	69	47868	19.985	ug/l	90
57) 1,3-Dichloropropane	10.881	76	74314	20.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.875	63	70938	78.527	ug/l	99
59) 2-Hexanone	10.922	43	100153	100.656	ug/l	89
60) Dibromochloromethane	11.075	129	56520	20.698	ug/l	98
61) 1,2-Dibromoethane	11.181	107	43604	20.231	ug/l	97
64) Tetrachloroethene	10.810	164	56261	20.972	ug/l	88
65) Chlorobenzene	11.604	112	165201	20.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	58879	19.842	ug/l	98
67) Ethyl Benzene	11.687	91	280356	20.109	ug/l	99
68) m/p-Xylenes	11.792	106	225540	40.403	ug/l	93
69) o-Xylene	12.122	106	102458	19.997	ug/l	94
70) Styrene	12.134	104	178333	20.430	ug/l	98
71) Bromoform	12.298	173	33455	20.339	ug/l	# 98
73) Isopropylbenzene	12.422	105	264780	20.287	ug/l	97
74) N-amyl acetate	12.234	43	48616	19.829	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	49798	20.218	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	59187	42.007	ug/l	# 100
77) Bromobenzene	12.704	156	67027	20.624	ug/l	97
78) n-propylbenzene	12.763	91	334986	20.998	ug/l	97
79) 2-Chlorotoluene	12.845	91	180911	20.564	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	222900	20.449	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	15361	20.635	ug/l	98
82) 4-Chlorotoluene	12.945	91	189129	20.455	ug/l	98
83) tert-Butylbenzene	13.169	119	190683	20.476	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	222064	20.091	ug/l	98
85) sec-Butylbenzene	13.345	105	294101	21.046	ug/l	96
86) p-Isopropyltoluene	13.463	119	246631	20.804	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	132885	19.882	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	134345	20.430	ug/l	98
89) n-Butylbenzene	13.786	91	225292	20.601	ug/l	98
90) Hexachloroethane	14.057	117	48716	20.721	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	115030	20.073	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6938	21.095	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	71164	20.129	ug/l	98
94) Hexachlorobutadiene	15.204	225	38841	20.732	ug/l	97
95) Naphthalene	15.333	128	123256	19.012	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	62433	19.868	ug/l	99

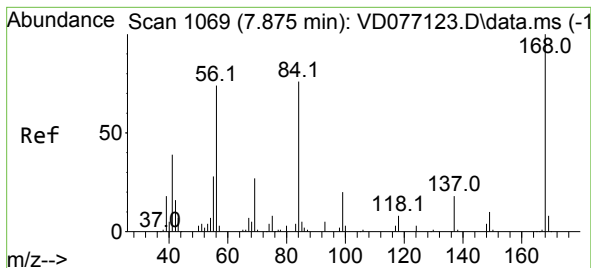
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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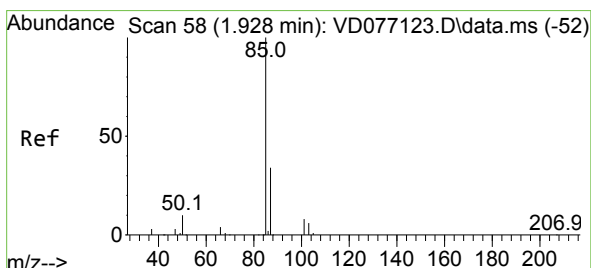
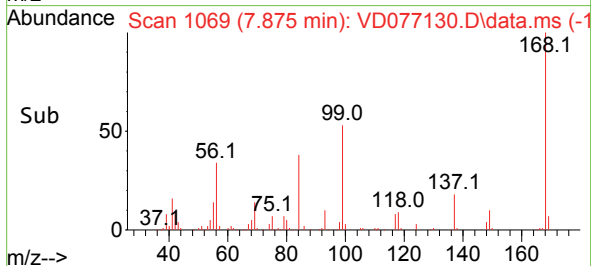
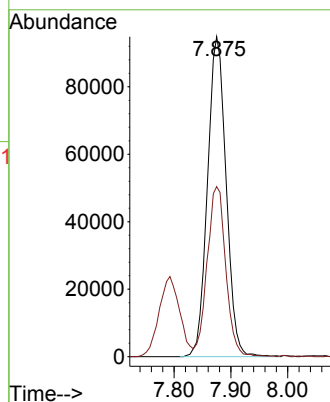
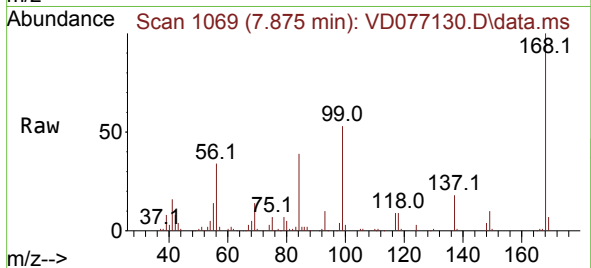
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

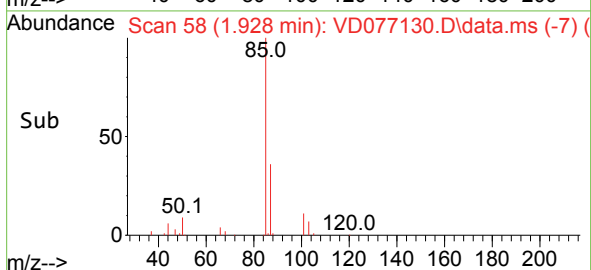
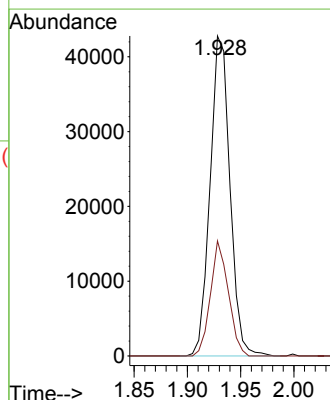
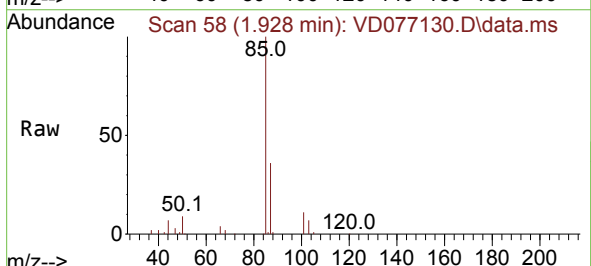
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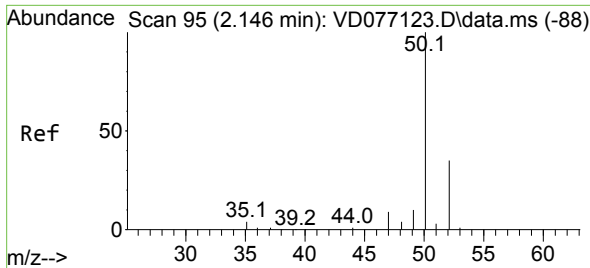
Tgt Ion:168 Resp: 215106
Ion Ratio Lower Upper
168 100
99 52.9 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 24.917 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 85 Resp: 55389
Ion Ratio Lower Upper
85 100
87 36.0 15.7 47.0

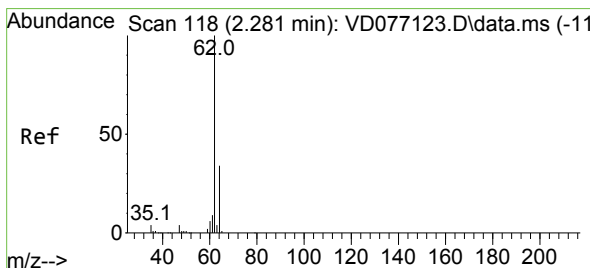
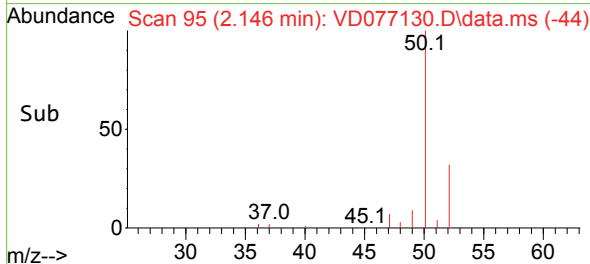
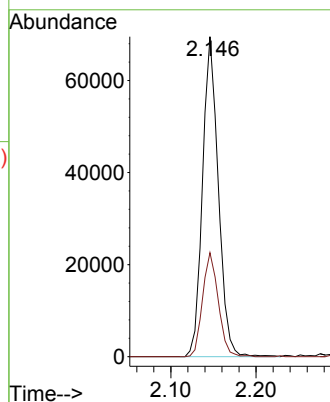
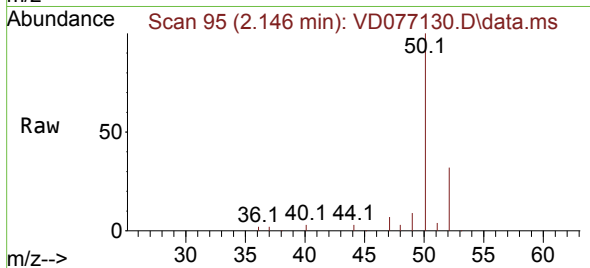




#3
Chloromethane
Concen: 21.800 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

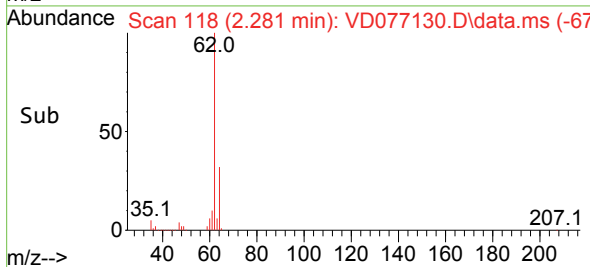
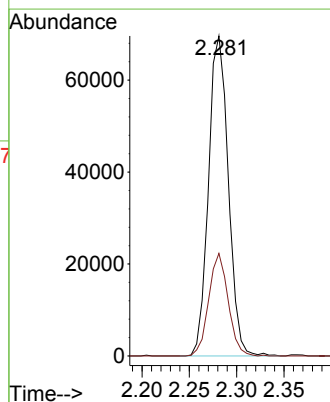
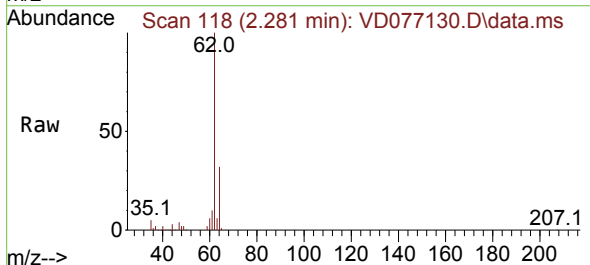
Instrument :
MSVOA_D
ClientSampleId :

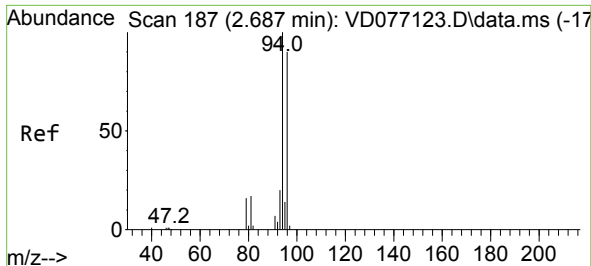
Tgt Ion: 50 Resp: 89580
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 23.060 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 62 Resp: 101361
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

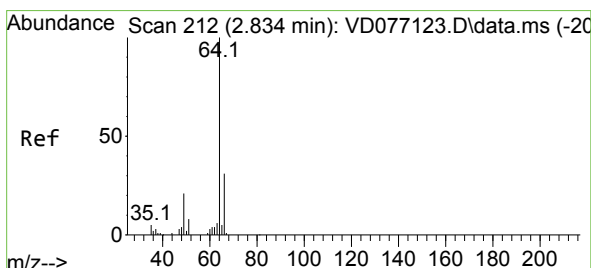
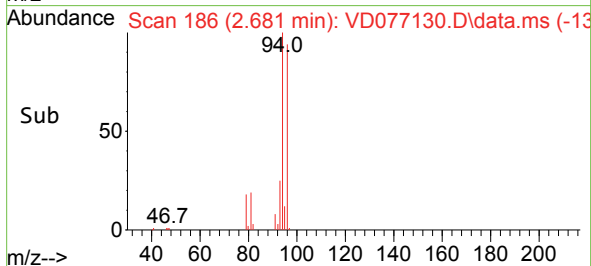
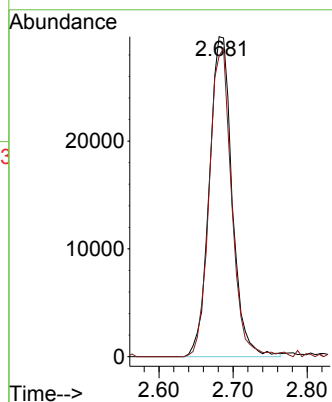
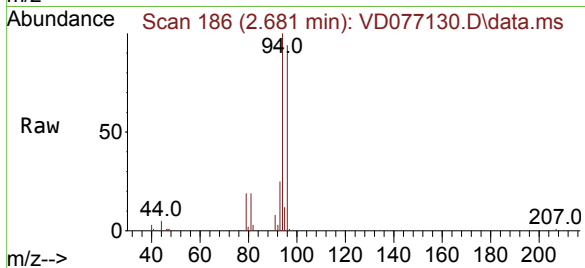




#5
Bromomethane
Concen: 19.768 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

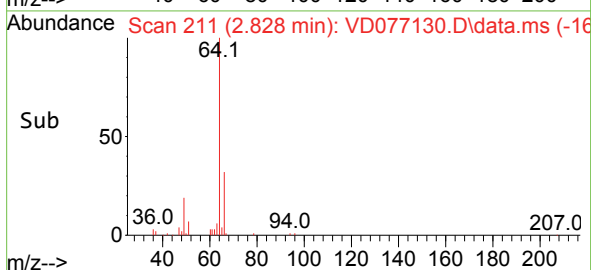
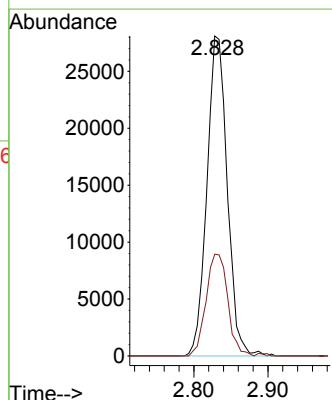
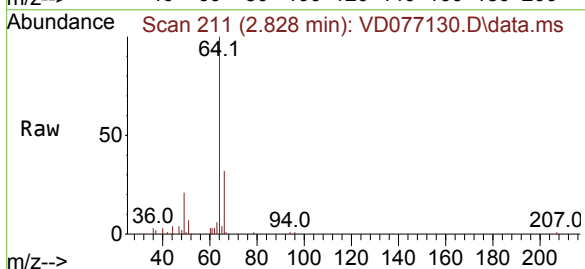
Instrument :
MSVOA_D
ClientSampleId :

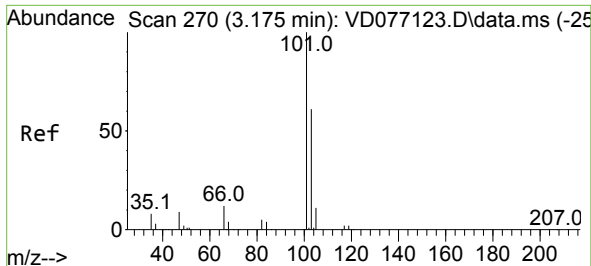
Tgt Ion: 94 Resp: 63285
Ion Ratio Lower Upper
94 100
96 94.4 75.8 113.8



#6
Chloroethane
Concen: 19.612 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 64 Resp: 53641
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3

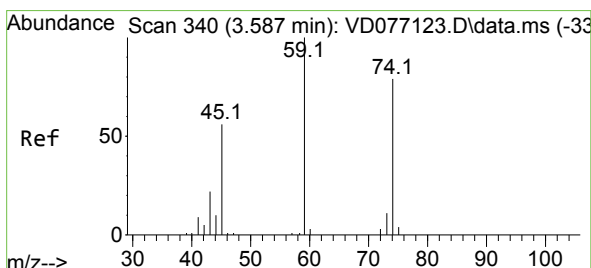
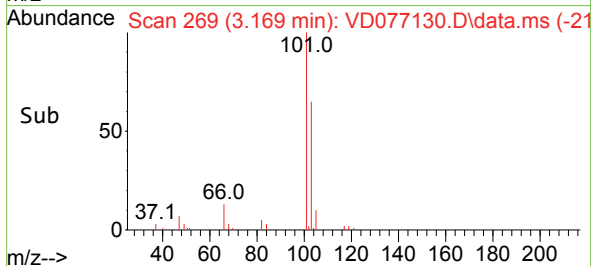
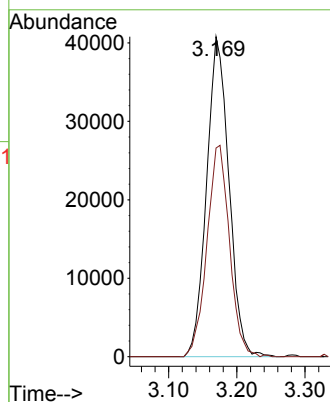
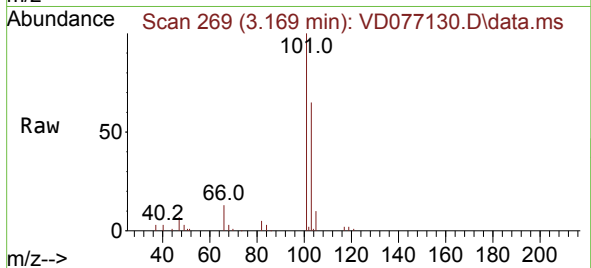




#7
 Trichlorofluoromethane
 Concen: 23.420 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

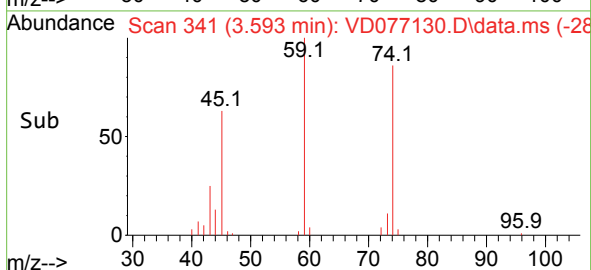
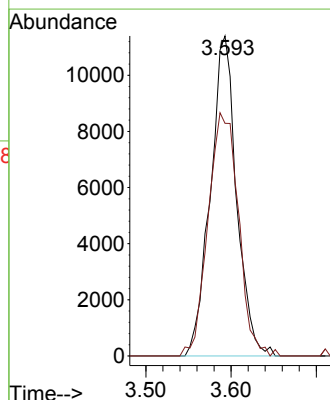
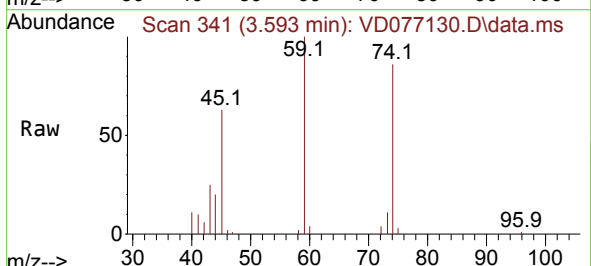
Instrument :
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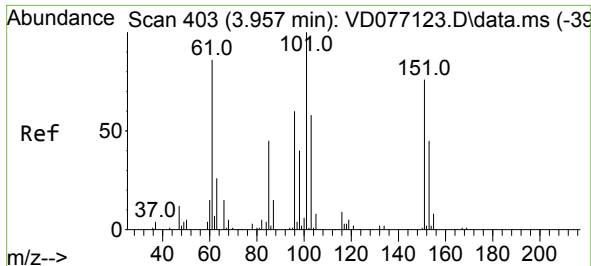
Tgt Ion:101 Resp: 93049
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 18.961 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

Tgt Ion: 74 Resp: 24313
 Ion Ratio Lower Upper
 74 100
 45 88.2 37.5 112.7

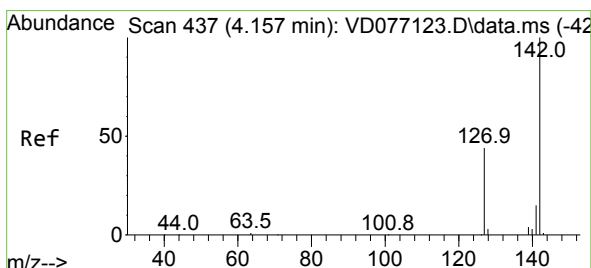
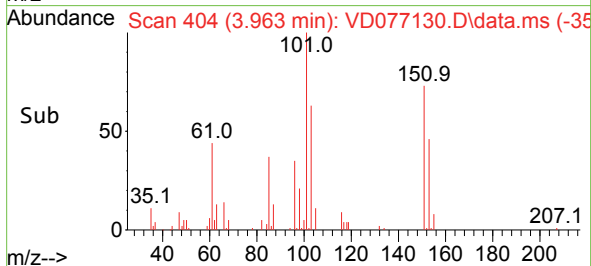
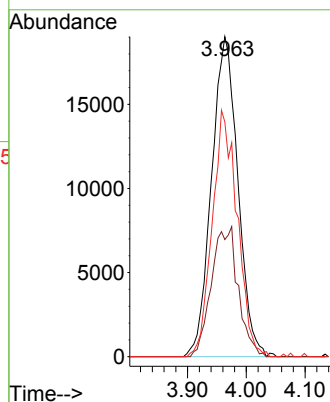
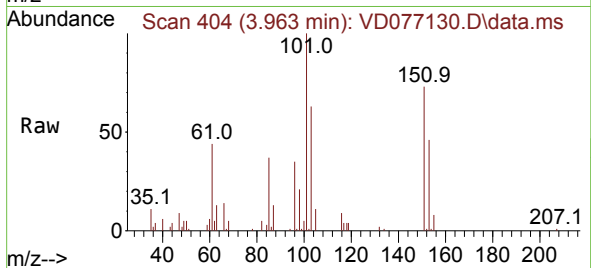




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.838 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077130.D
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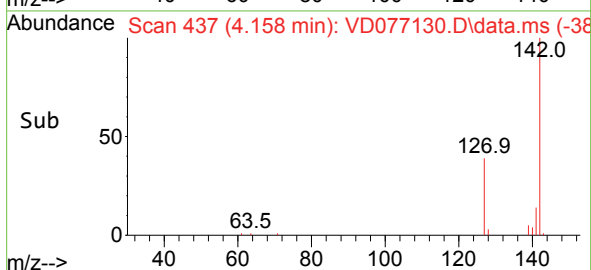
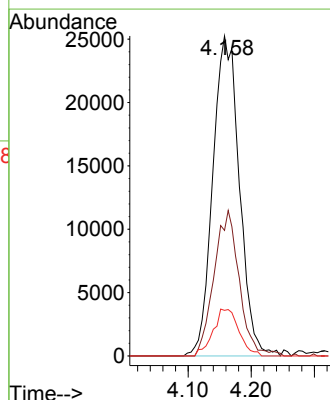
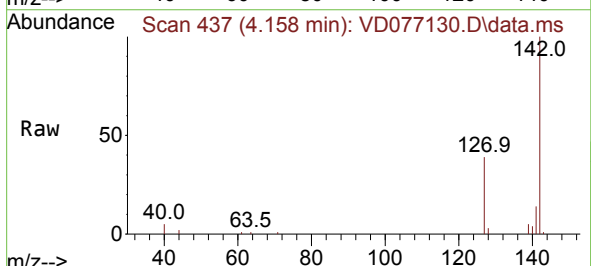
Instrument :
MSVOA_D
ClientSampleId :

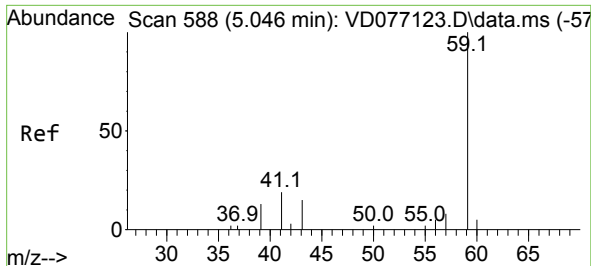
Tgt Ion:101 Resp: 59213
Ion Ratio Lower Upper
101 100
85 41.2 33.8 50.6
151 73.1 59.8 89.6



#10
Methyl Iodide
Concen: 20.776 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion:142 Resp: 73762
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 14.2 11.1 16.7

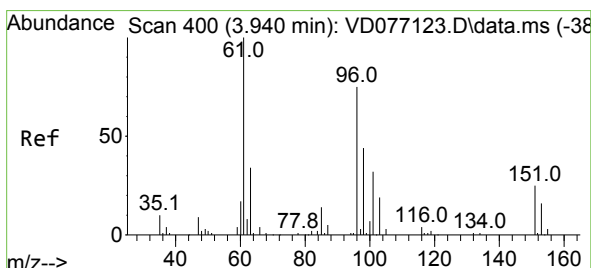
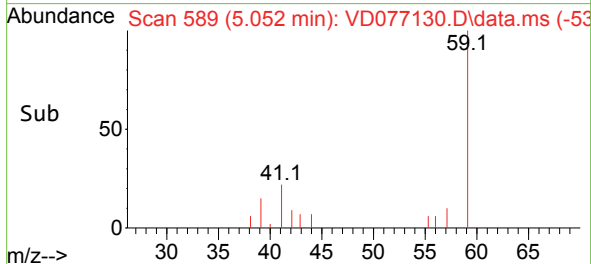
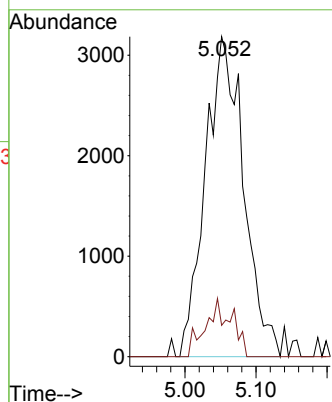
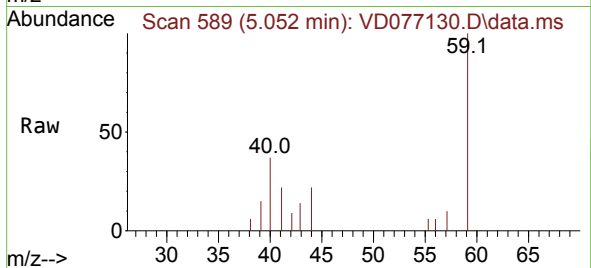




#11
Tert butyl alcohol
Concen: 96.321 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

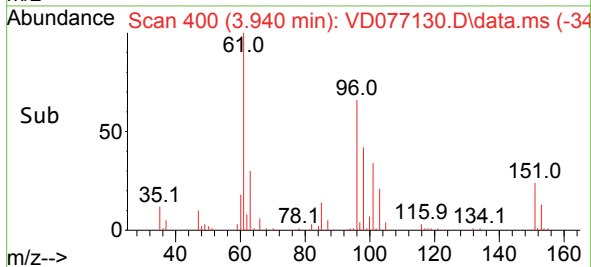
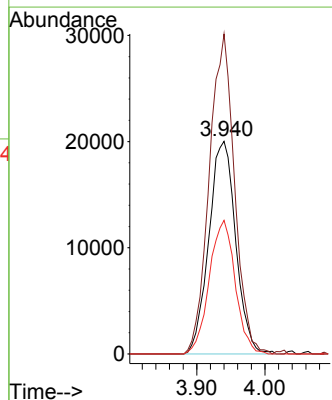
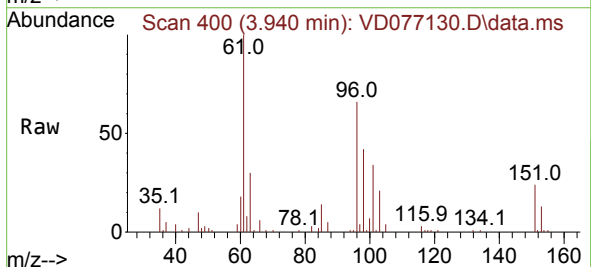
Instrument :
MSVOA_D
ClientSampleId :

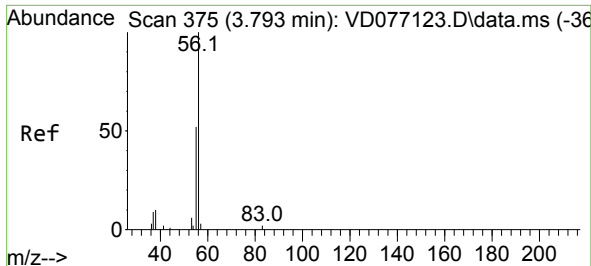
Tgt Ion: 59 Resp: 11922
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 21.928 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 96 Resp: 54870
Ion Ratio Lower Upper
96 100
61 150.4 100.6 150.8
98 62.8 50.2 75.2

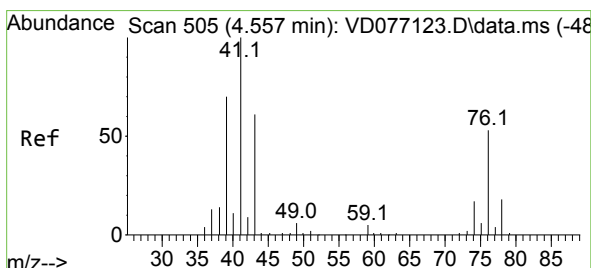
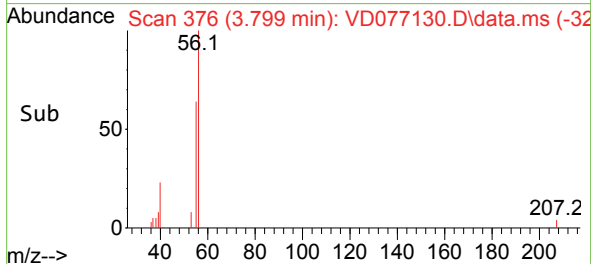
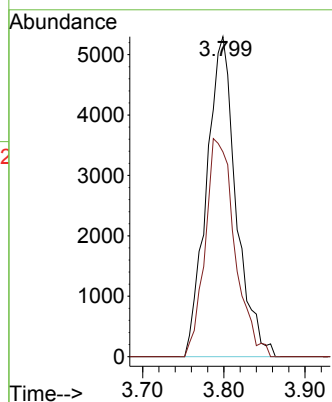
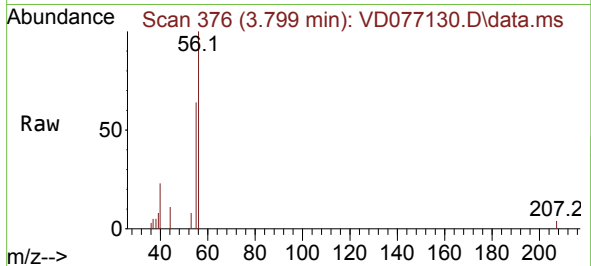




#13
Acrolein
Concen: 150.721 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

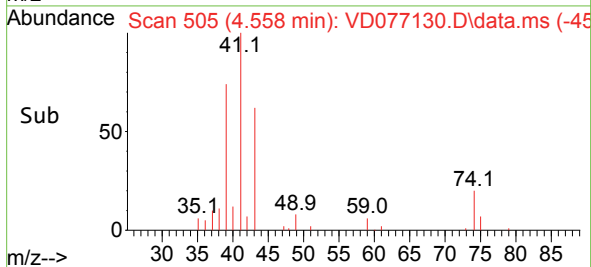
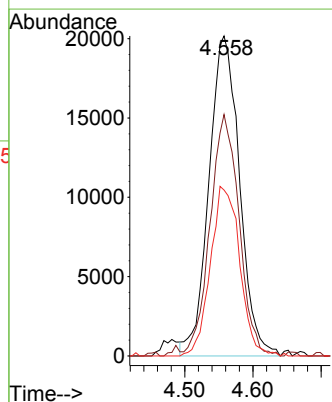
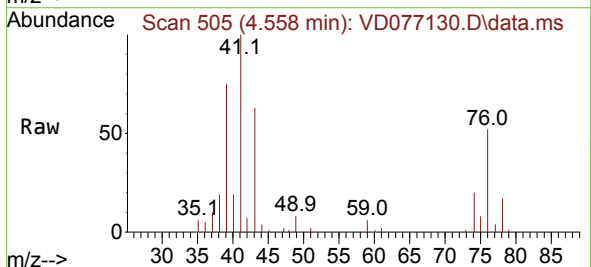
Instrument :
MSVOA_D
ClientSampleId :

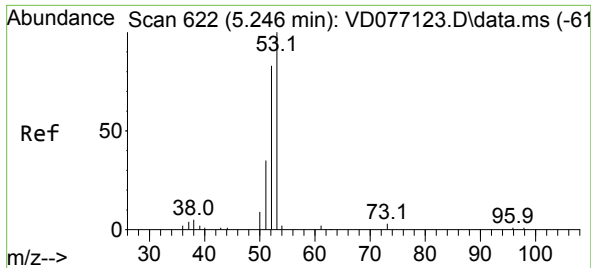
Tgt Ion: 56 Resp: 13376
Ion Ratio Lower Upper
56 100
55 68.6 55.1 82.7



#14
Allyl chloride
Concen: 20.657 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

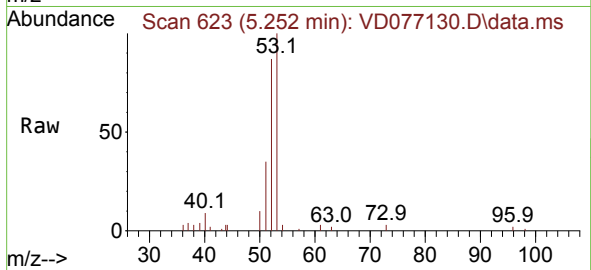
Tgt Ion: 41 Resp: 63063
Ion Ratio Lower Upper
41 100
39 71.5 53.8 80.6
76 50.7 45.8 68.8



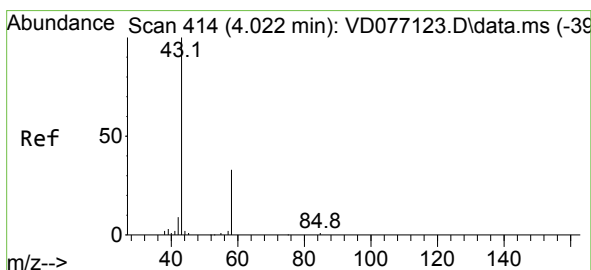
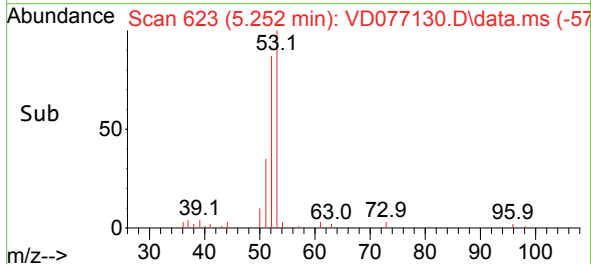
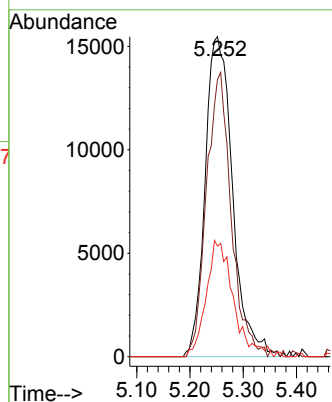


#15
Acrylonitrile
Concen: 102.962 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

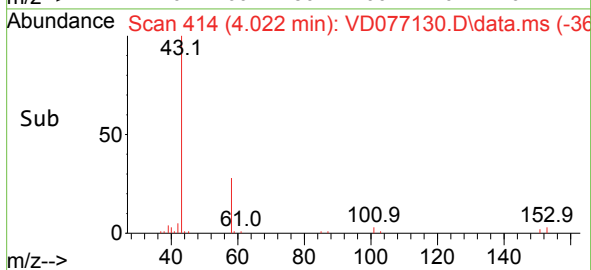
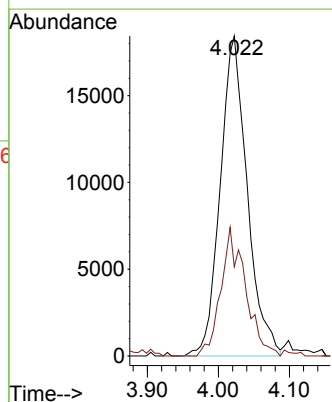
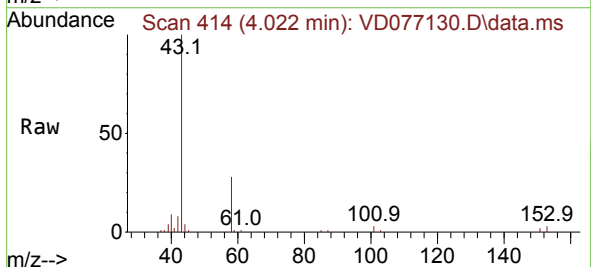


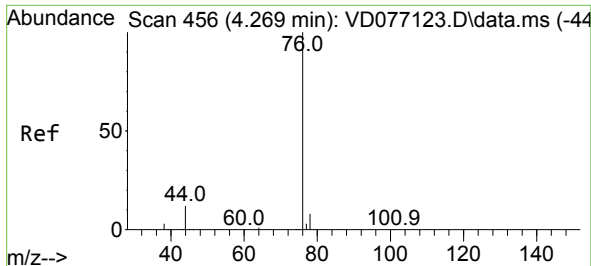
Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.0	97.4
51	35.9	28.3	42.5



#16
Acetone
Concen: 98.114 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.9	34.7	52.1#

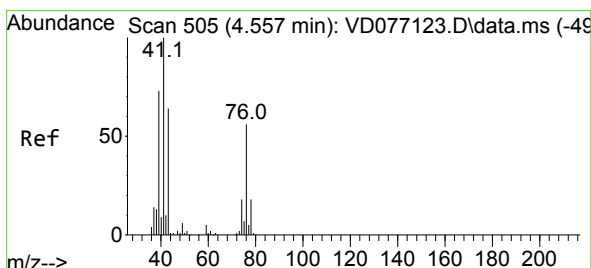
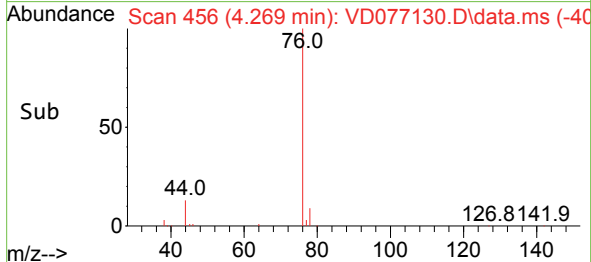
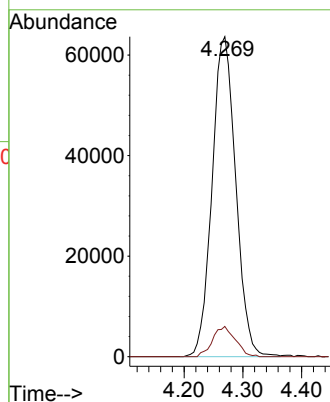
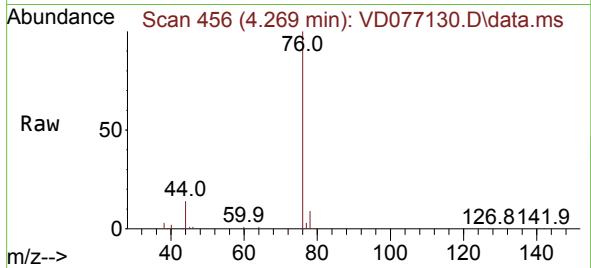




#17
Carbon Disulfide
Concen: 21.630 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

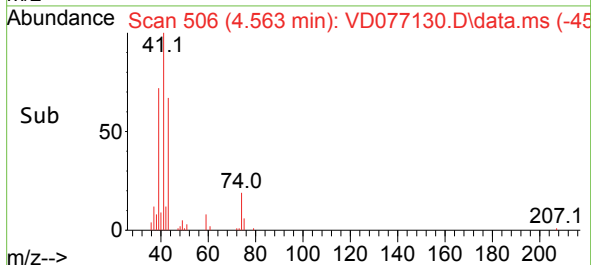
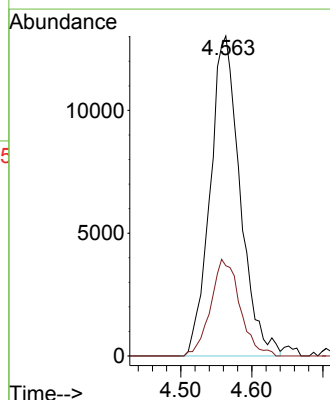
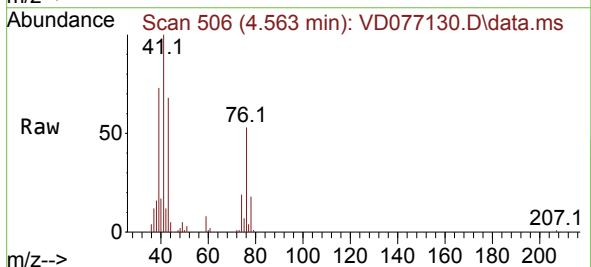
Instrument :
MSVOA_D
ClientSampleId :

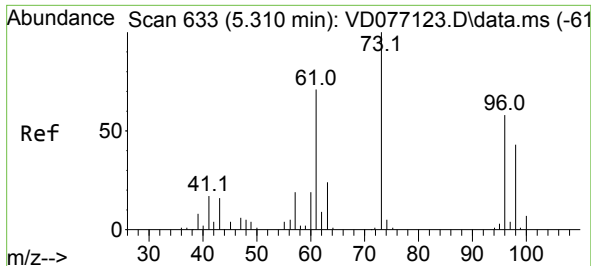
Tgt Ion: 76 Resp: 178181
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 20.313 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 43 Resp: 38110
Ion Ratio Lower Upper
43 100
74 29.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 20.233 ug/l

RT: 5.310 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

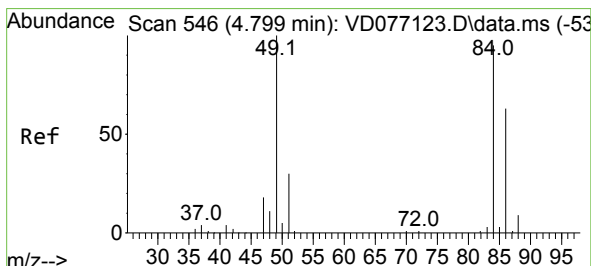
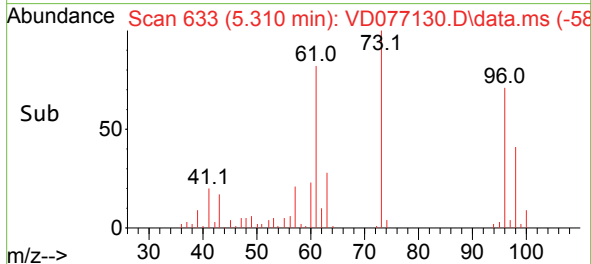
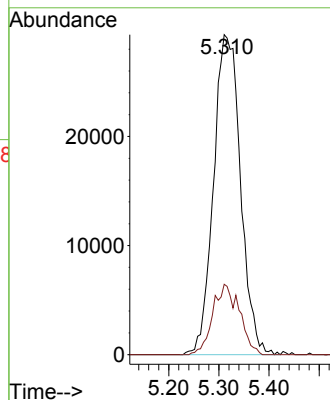
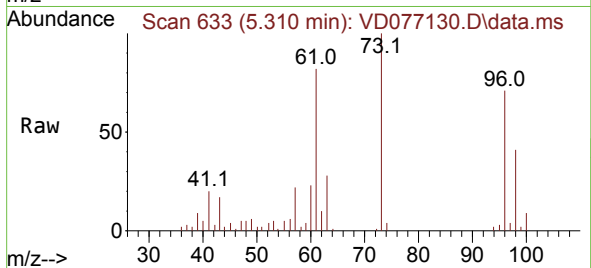
ClientSampleId :

Tgt Ion: 73 Resp: 109553

Ion Ratio Lower Upper

73 100

57 22.0 16.6 25.0



#20

Methylene Chloride

Concen: 23.188 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Tgt Ion: 84 Resp: 85279

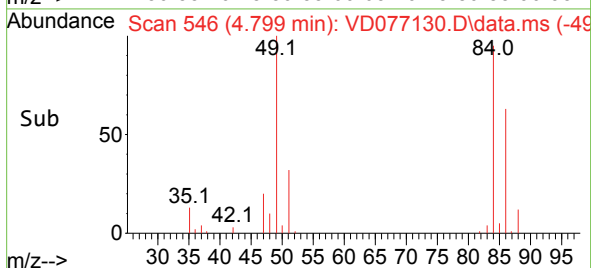
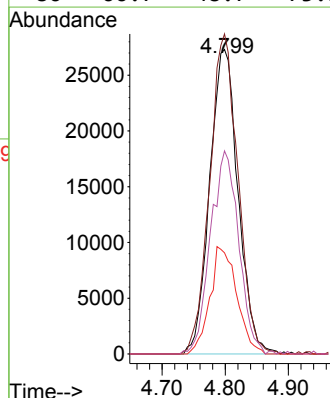
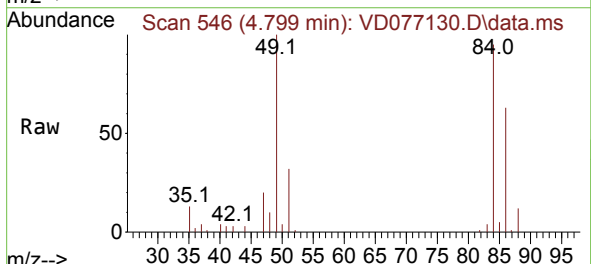
Ion Ratio Lower Upper

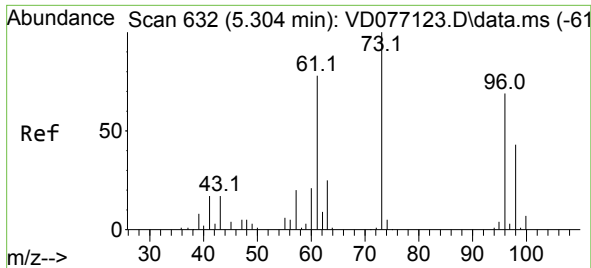
84 100

49 105.1 71.4 107.2

51 33.2 24.5 36.7

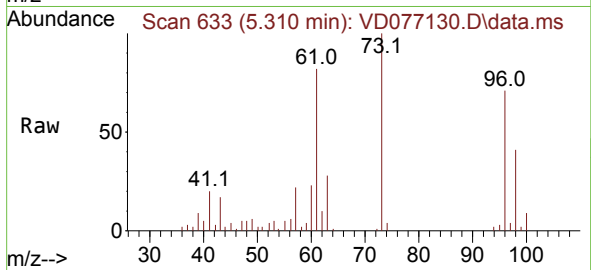
86 66.7 48.7 73.1



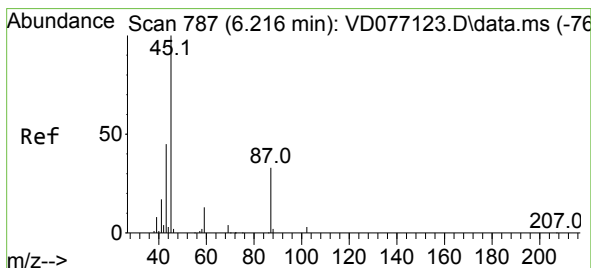
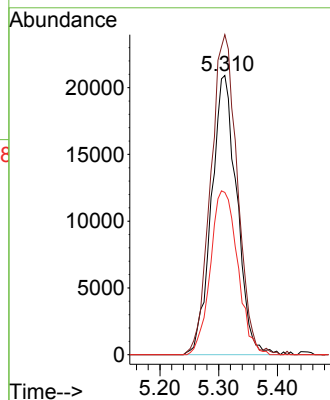
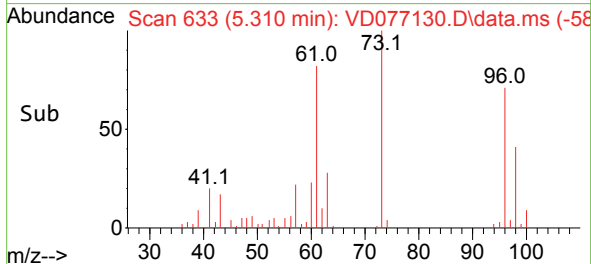


#21
trans-1,2-Dichloroethene
Concen: 20.767 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

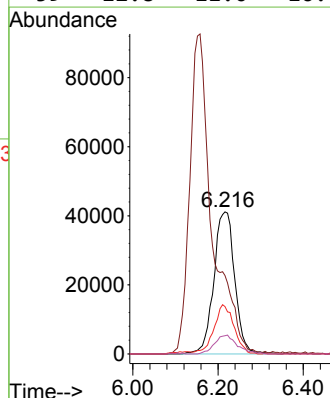
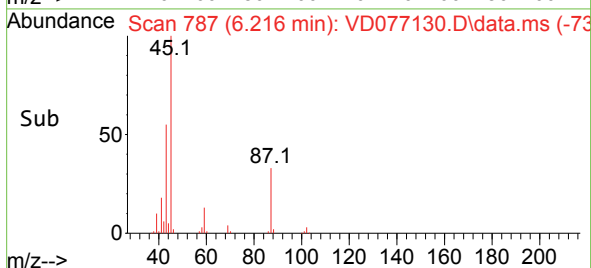
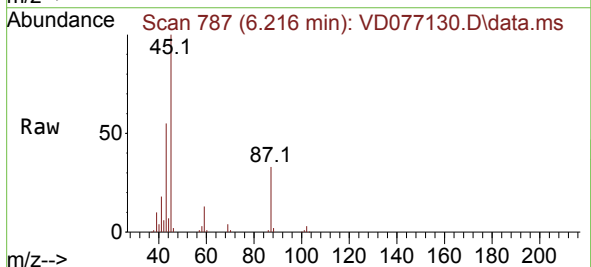


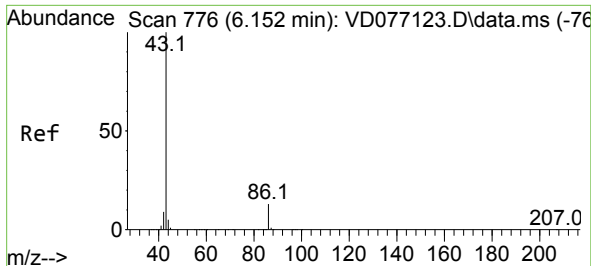
Tgt Ion: 96 Resp: 62816
Ion Ratio Lower Upper
96 100
61 114.6 89.3 133.9
98 58.1 48.6 73.0



#22
Diisopropyl ether
Concen: 20.332 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

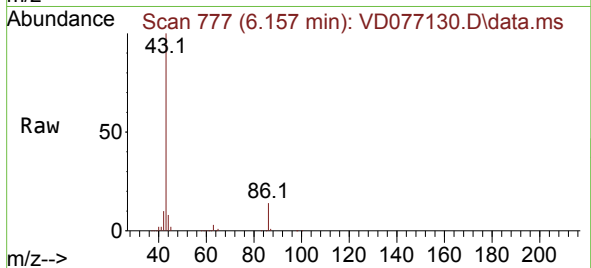
Tgt Ion: 45 Resp: 140345
Ion Ratio Lower Upper
45 100
43 54.6 40.0 60.0
87 33.4 28.2 42.4
59 12.8 11.0 16.4



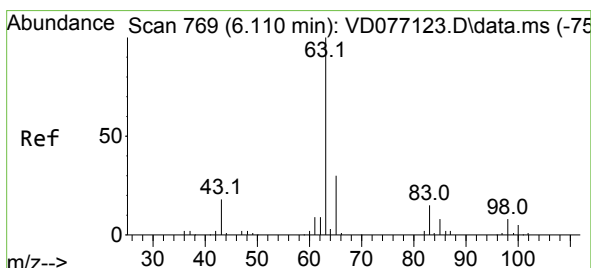
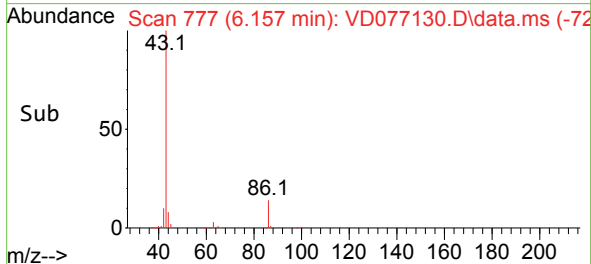
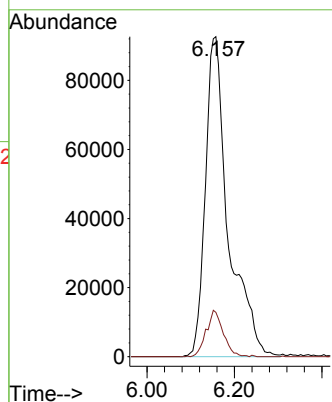


#23
 Vinyl Acetate
 Concen: 122.748 ug/l
 RT: 6.157 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

Instrument :
 MSVOA_D
 ClientSampleId :

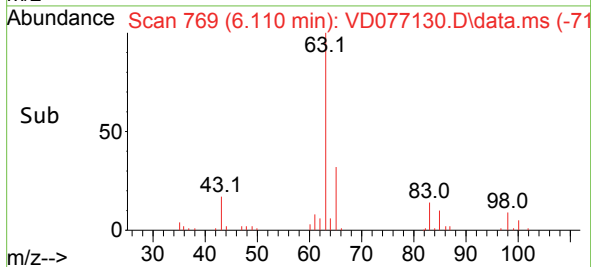
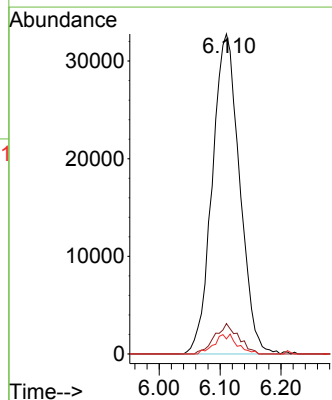
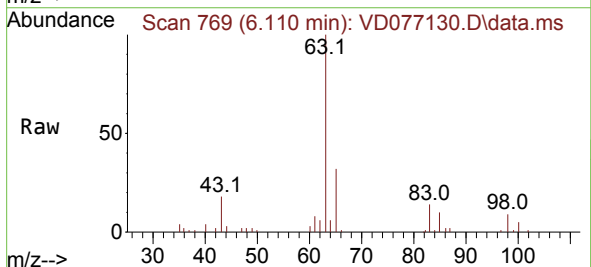


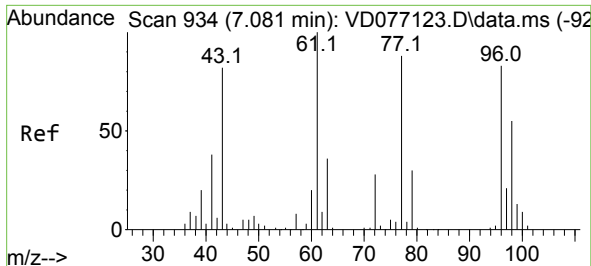
Tgt Ion: 43 Resp: 338725
 Ion Ratio Lower Upper
 43 100
 86 13.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.608 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

Tgt Ion: 63 Resp: 102096
 Ion Ratio Lower Upper
 63 100
 98 9.5 4.5 13.7
 100 4.7 2.5 7.5

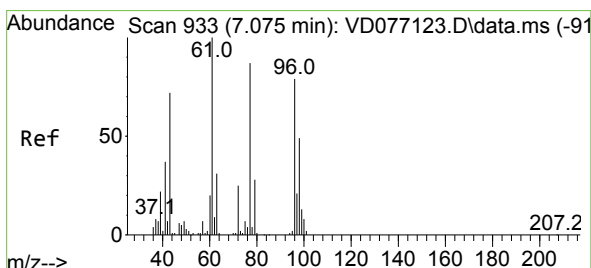
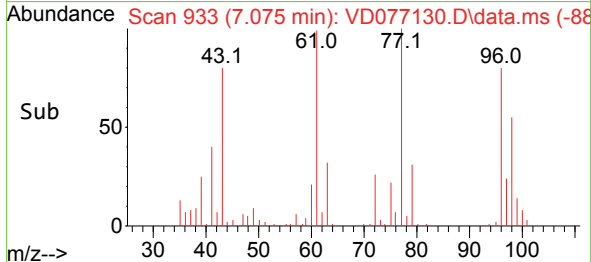
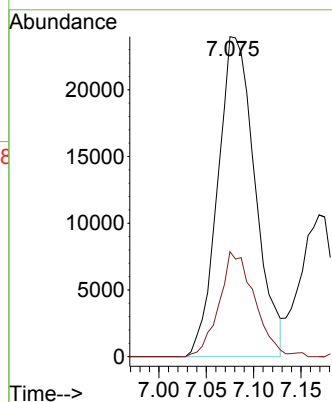
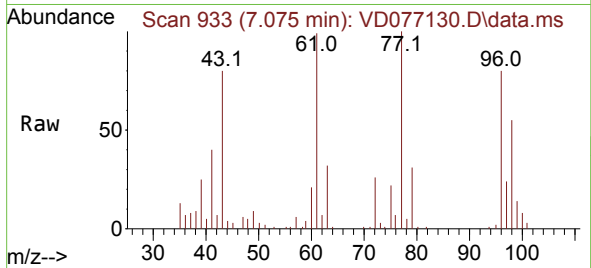




#25
2-Butanone
Concen: 100.734 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

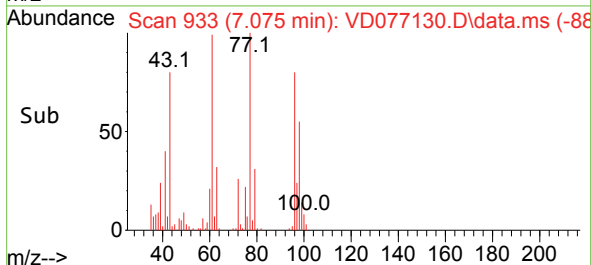
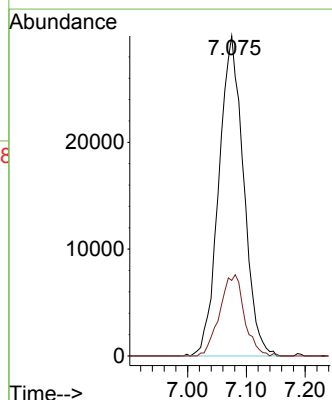
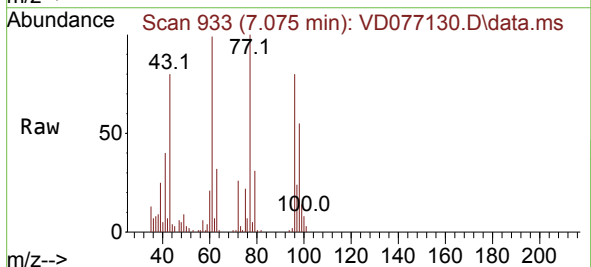
Instrument :
MSVOA_D
ClientSampleId :

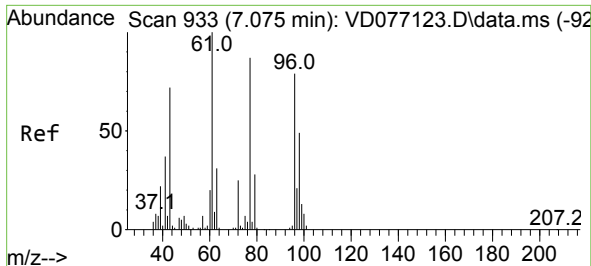
Tgt Ion: 43 Resp: 65754
Ion Ratio Lower Upper
43 100
72 32.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 20.807 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

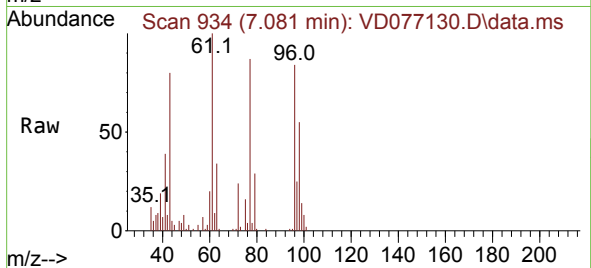
Tgt Ion: 77 Resp: 87499
Ion Ratio Lower Upper
77 100
97 25.3 13.2 39.6





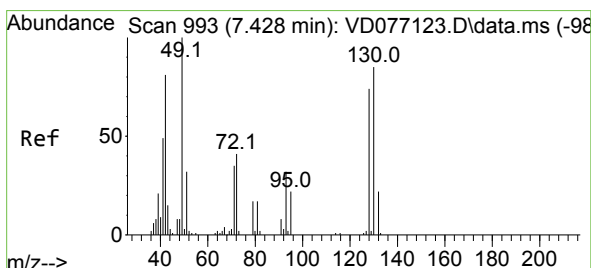
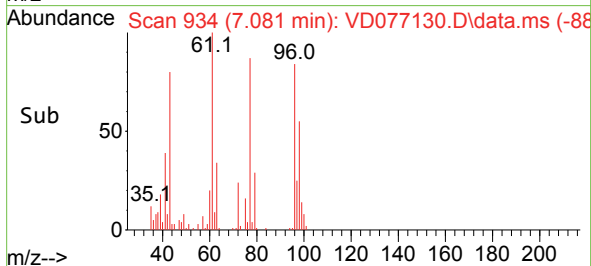
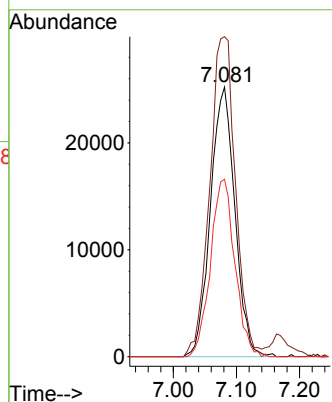
#27
 cis-1,2-Dichloroethene
 Concen: 19.933 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 67781

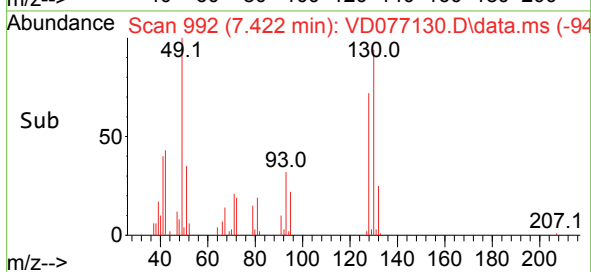
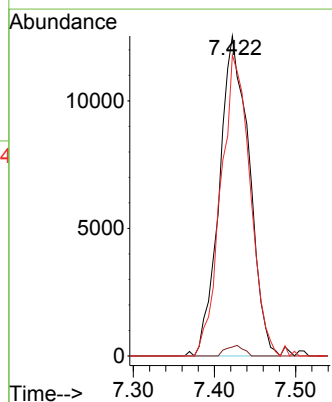
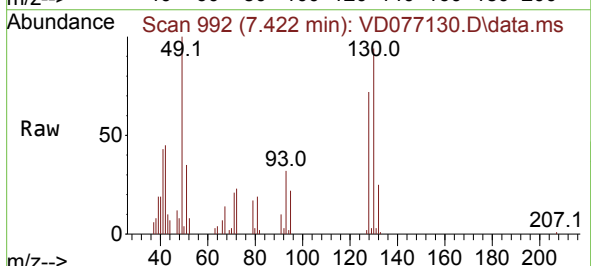
Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	239.2
98	65.5	0.0	128.6

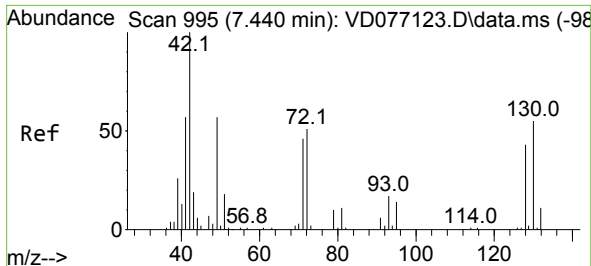


#28
 Bromochloromethane
 Concen: 21.086 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

Tgt Ion: 49 Resp: 32078

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	6.0
130	91.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 105.527 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

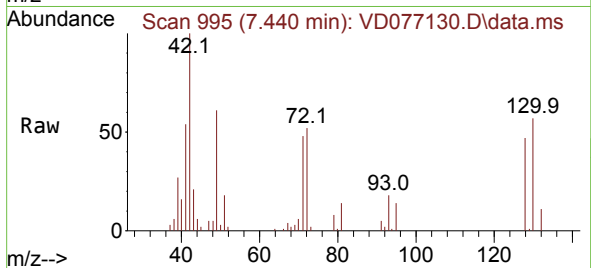
Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :



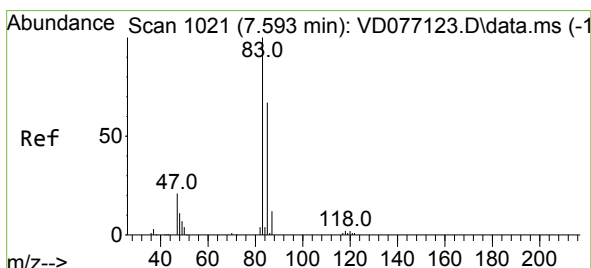
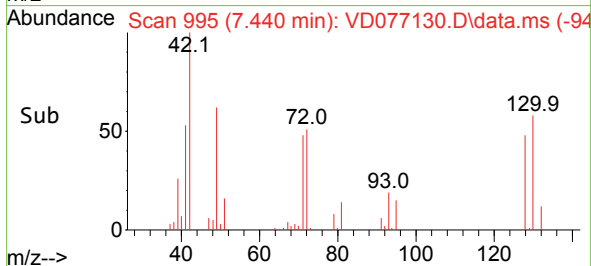
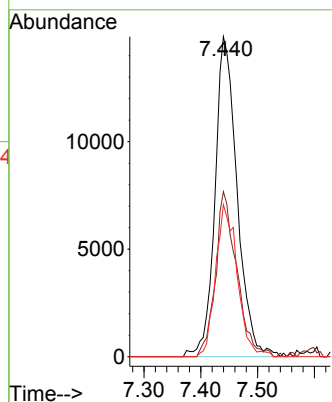
Tgt Ion: 42 Resp: 40268

Ion Ratio Lower Upper

42 100

72 49.6 46.5 69.7

71 46.4 44.5 66.7



#30

Chloroform

Concen: 20.371 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077130.D

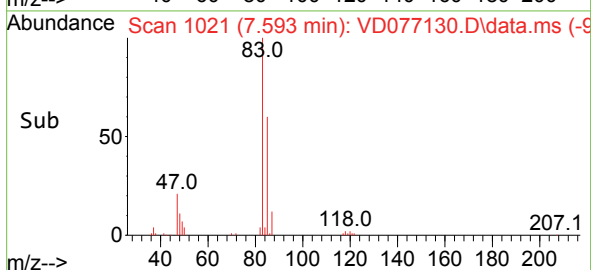
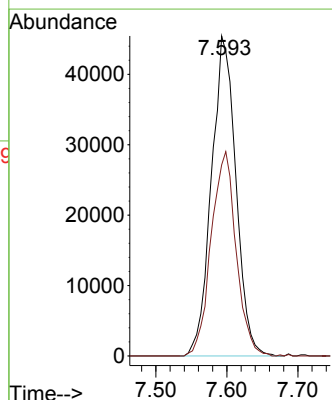
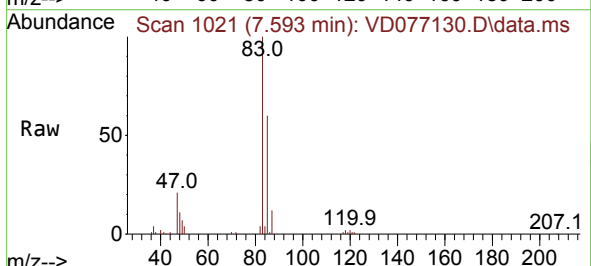
Acq: 18 Sep 2023 15:26

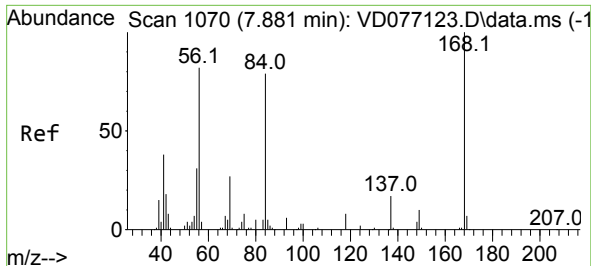
Tgt Ion: 83 Resp: 108765

Ion Ratio Lower Upper

83 100

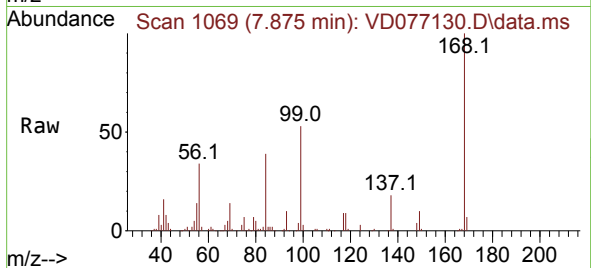
85 59.7 53.4 80.2



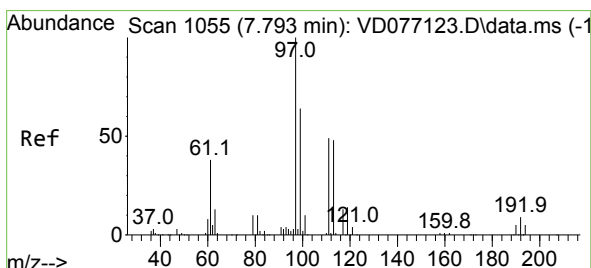
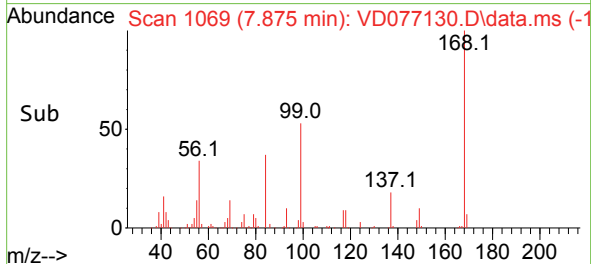
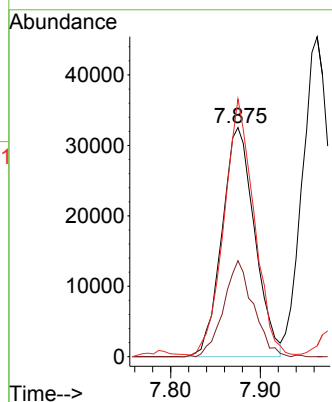


#31
Cyclohexane
Concen: 21.712 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

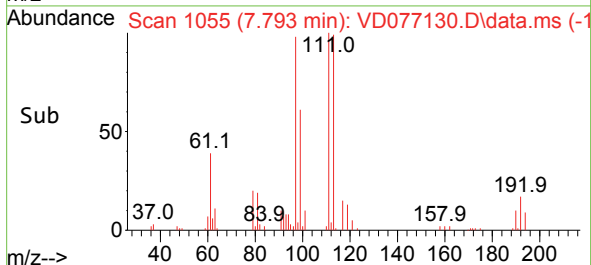
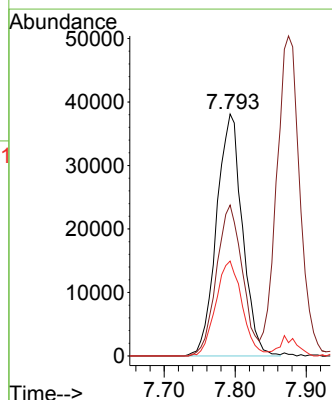
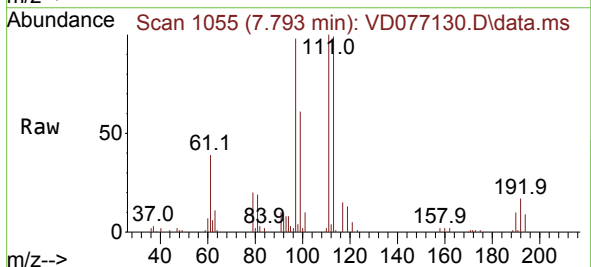


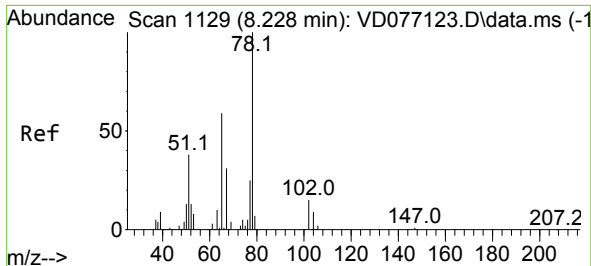
Tgt Ion	Ratio	Lower	Upper
56	100		
69	41.9	28.6	43.0
84	111.4	84.8	127.2



#32
1,1,1-Trichloroethane
Concen: 21.607 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	52.0	78.0
61	40.1	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 50.401 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

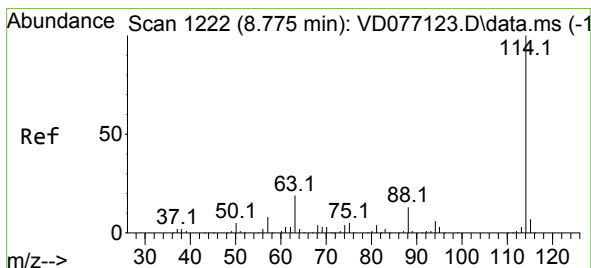
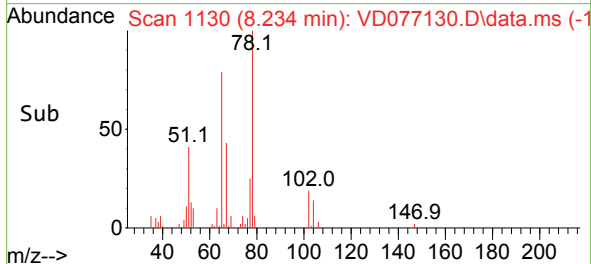
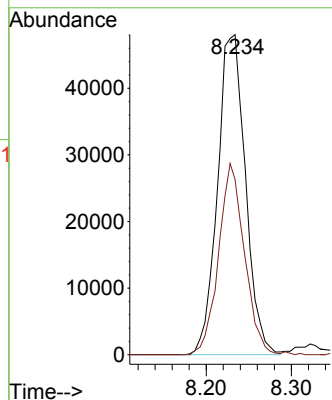
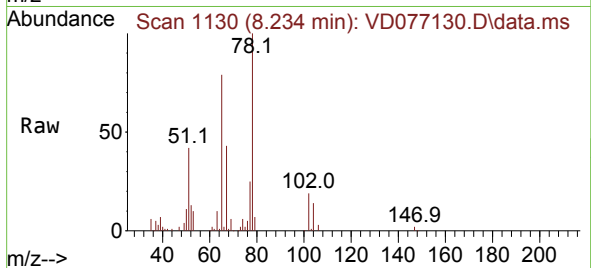
ClientSampleId :

Tgt Ion: 65 Resp: 109415

Ion Ratio Lower Upper

65 100

67 55.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

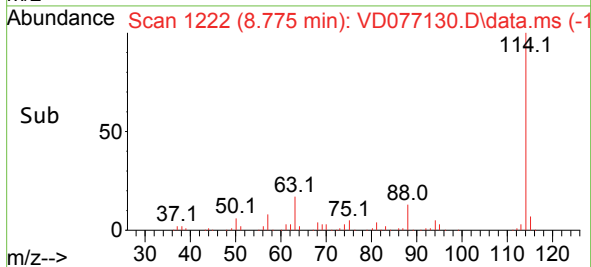
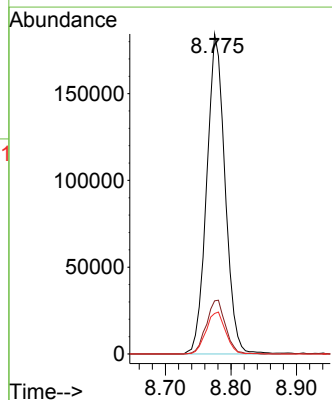
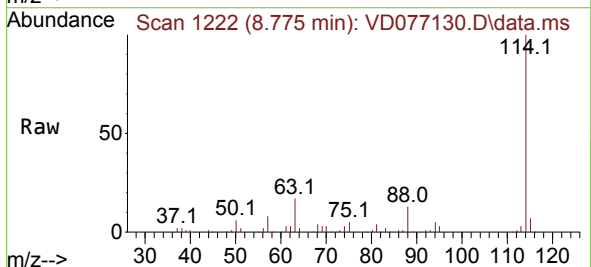
Tgt Ion: 114 Resp: 358844

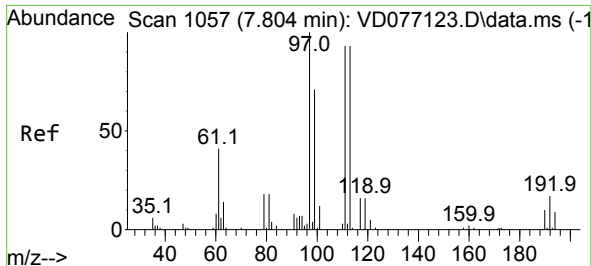
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

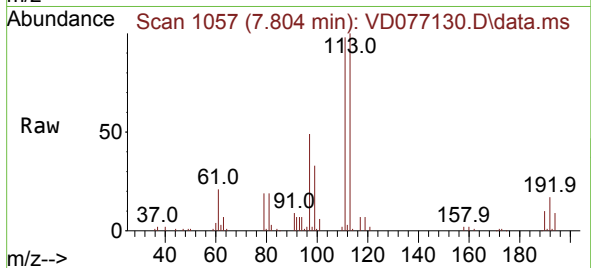
88 12.6 0.0 26.2



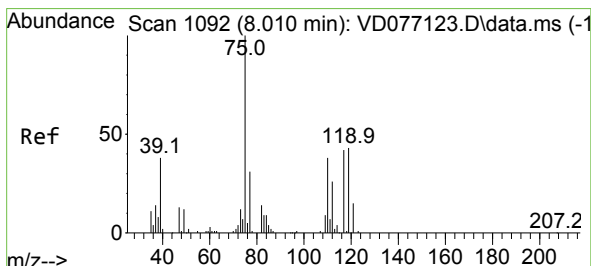
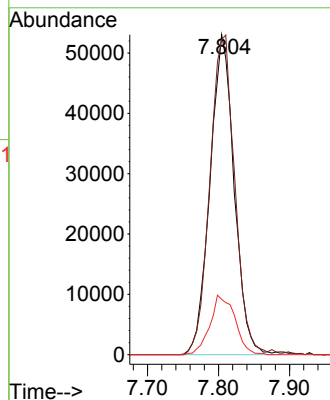
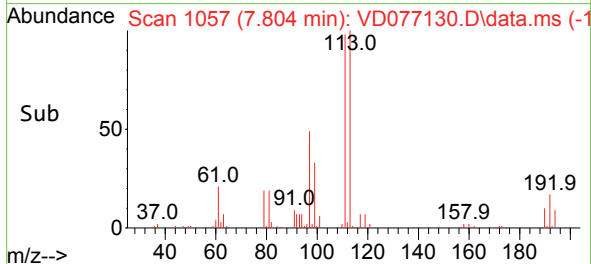


#35
Dibromofluoromethane
Concen: 50.229 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

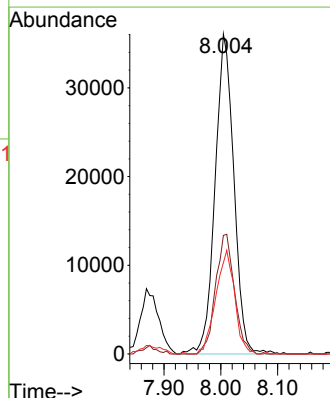
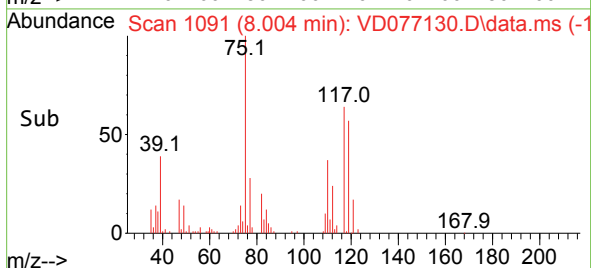
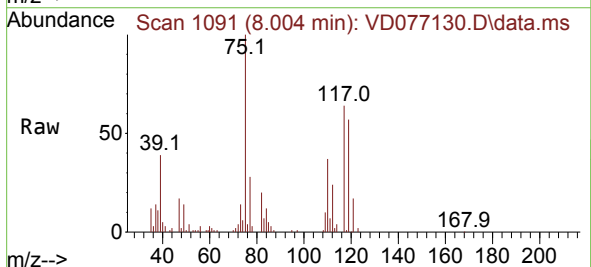


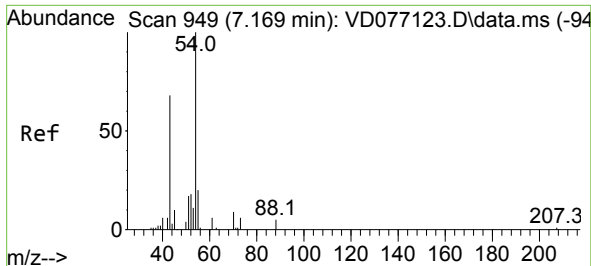
Tgt Ion:113 Resp: 125196
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 22.105 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

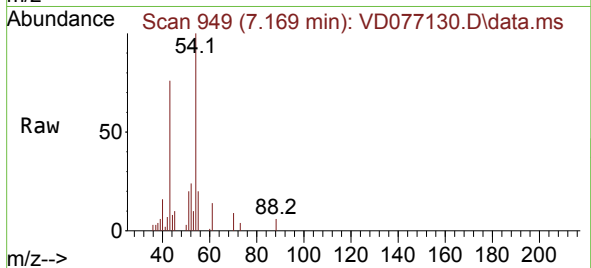
Tgt Ion: 75 Resp: 82975
Ion Ratio Lower Upper
75 100
110 37.6 19.9 59.6
77 32.4 24.7 37.1



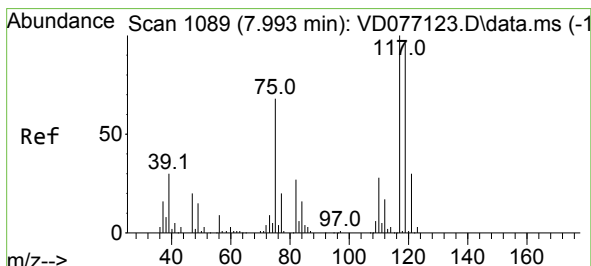
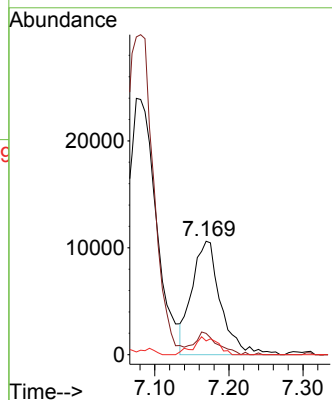
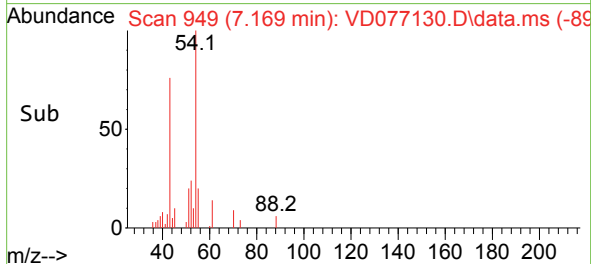


#37
Ethyl Acetate
Concen: 19.860 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

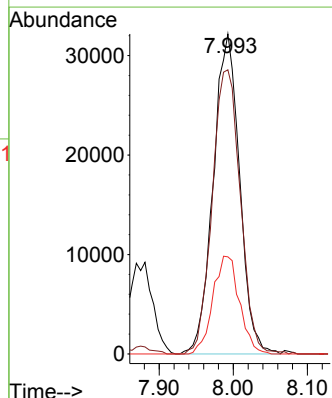
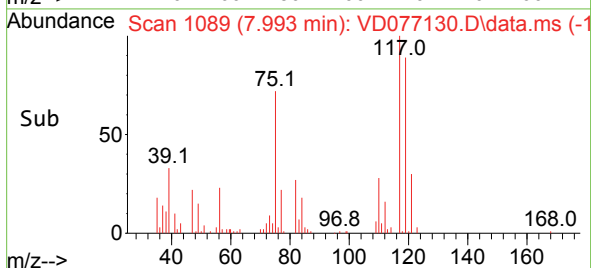
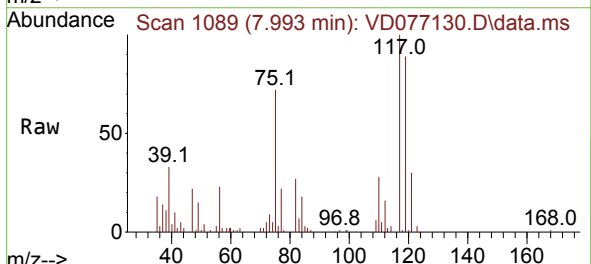


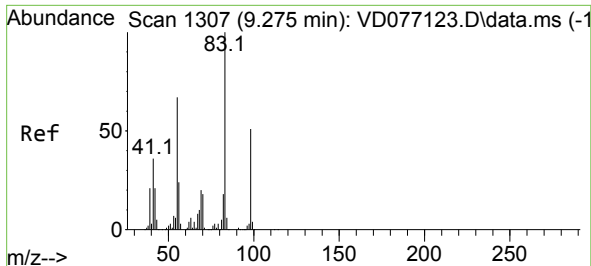
Tgt Ion: 43 Resp: 28602
Ion Ratio Lower Upper
43 100
61 16.0 14.9 22.3
70 12.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 21.540 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 117 Resp: 79469
Ion Ratio Lower Upper
117 100
119 88.8 78.0 117.0
121 30.4 24.2 36.2





#39

Methylcyclohexane

Concen: 22.253 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

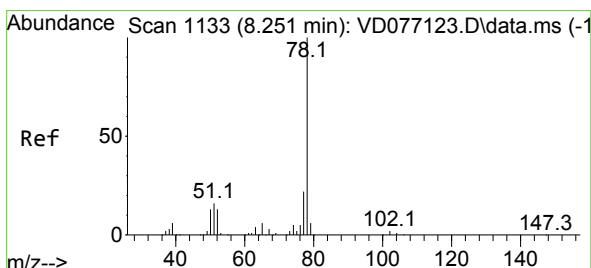
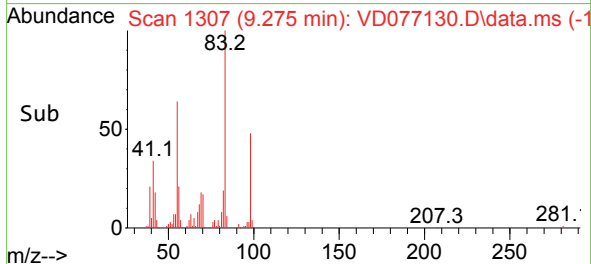
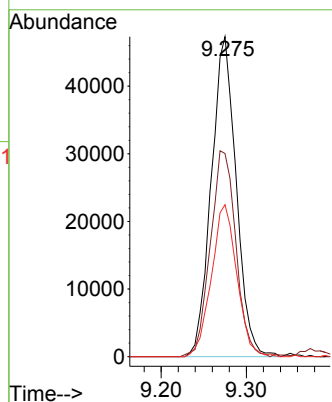
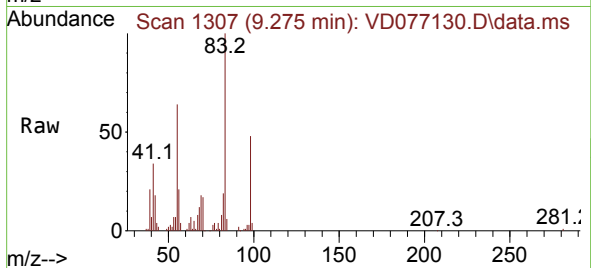
Tgt Ion: 83 Resp: 96111

Ion Ratio Lower Upper

83 100

55 63.5 49.4 74.0

98 47.5 38.4 57.6



#40

Benzene

Concen: 20.379 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077130.D

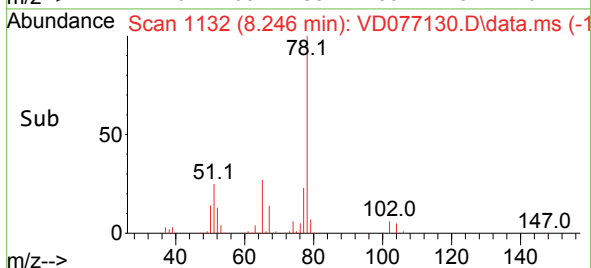
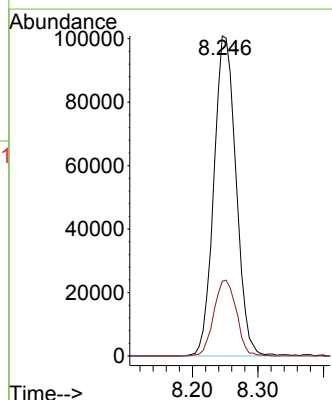
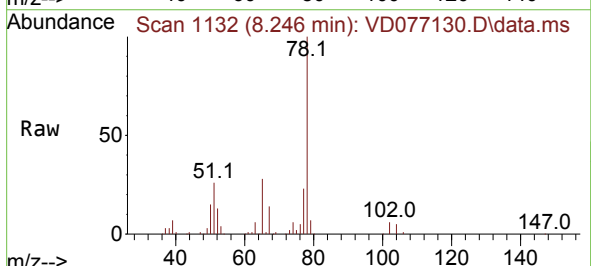
Acq: 18 Sep 2023 15:26

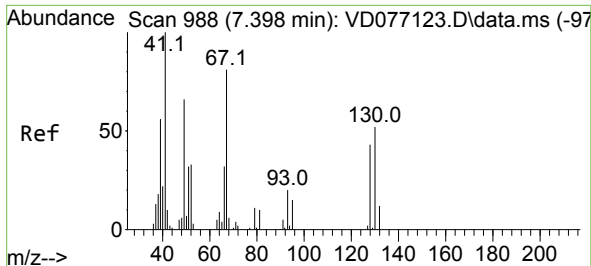
Tgt Ion: 78 Resp: 236673

Ion Ratio Lower Upper

78 100

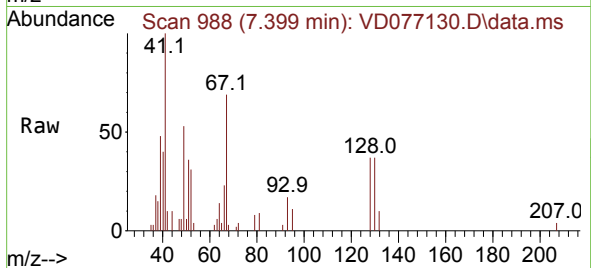
77 23.4 19.4 29.0



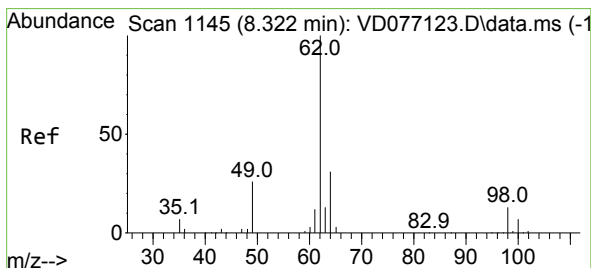
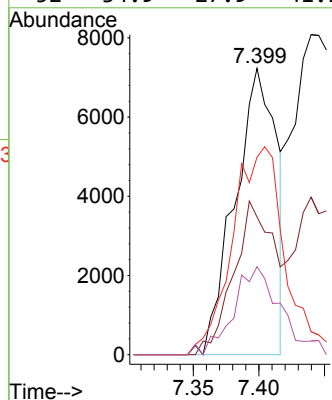
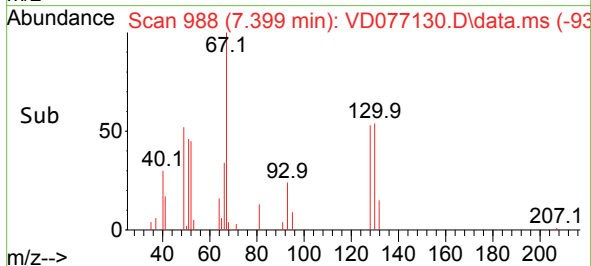


#41
Methacrylonitrile
Concen: 20.765 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

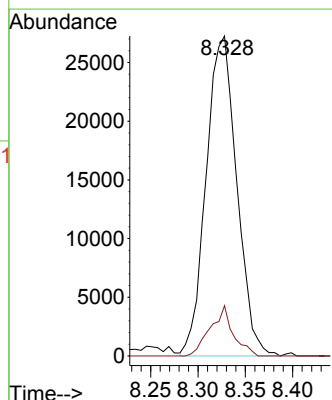
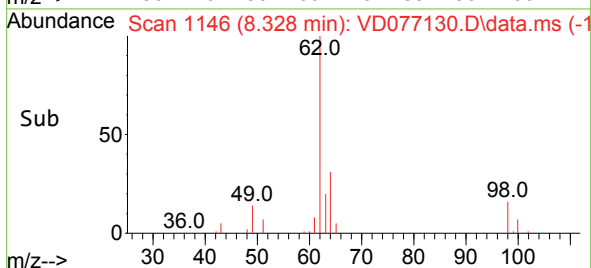
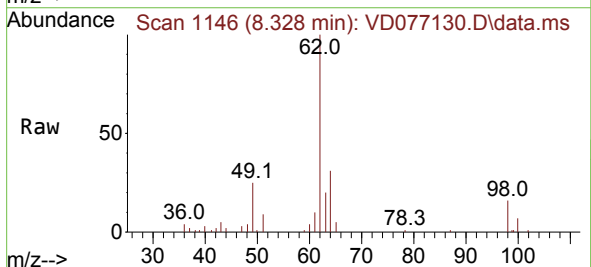


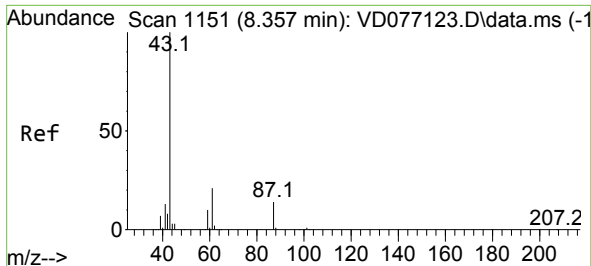
Tgt Ion: 41 Resp: 15962
Ion Ratio Lower Upper
41 100
39 51.6 34.0 51.0#
67 90.4 77.0 115.4
52 34.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 21.327 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

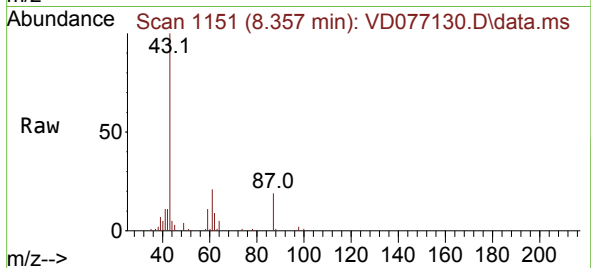
Tgt Ion: 62 Resp: 61409
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4



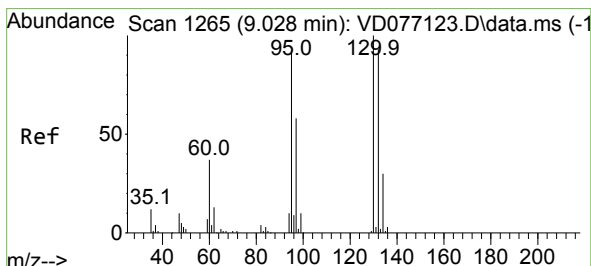
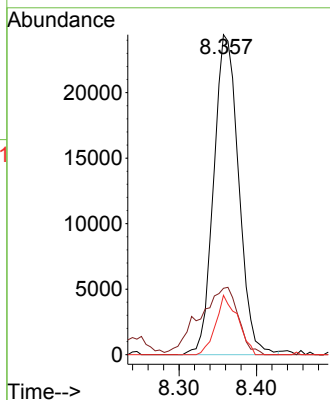
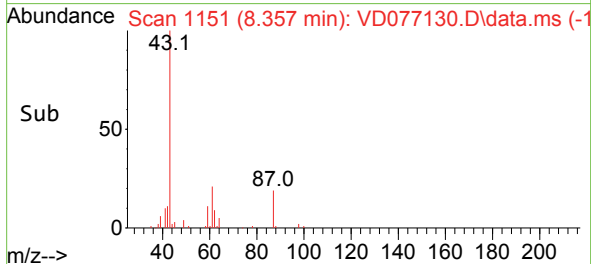


#43
Isopropyl Acetate
Concen: 20.645 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

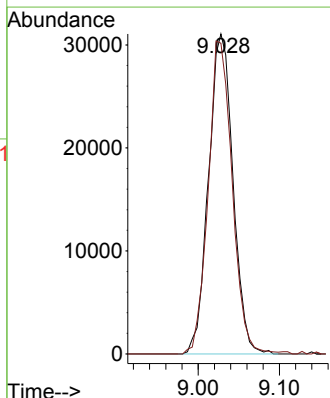
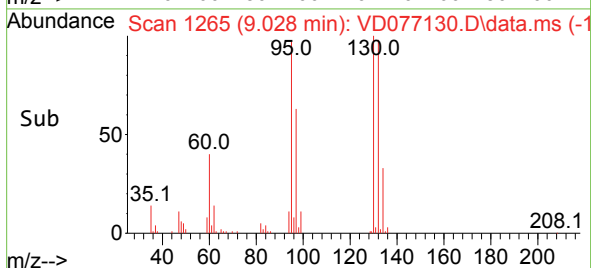
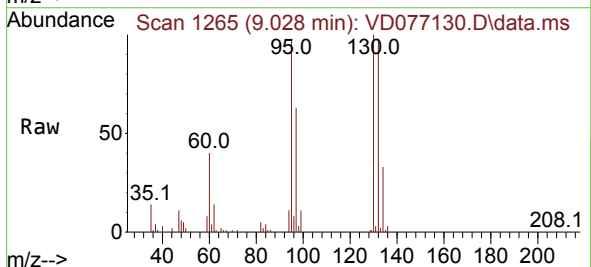


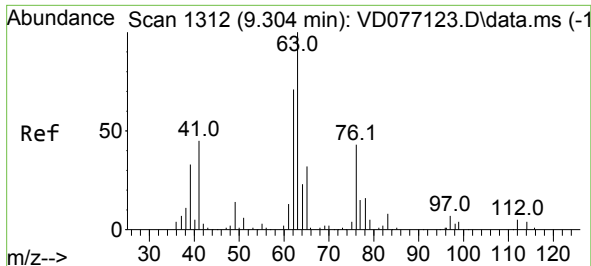
Tgt Ion: 43 Resp: 54743
Ion Ratio Lower Upper
43 100
61 32.8 31.4 47.0
87 16.5 14.9 22.3



#44
Trichloroethene
Concen: 20.230 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion:130 Resp: 65027
Ion Ratio Lower Upper
130 100
95 97.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.150 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

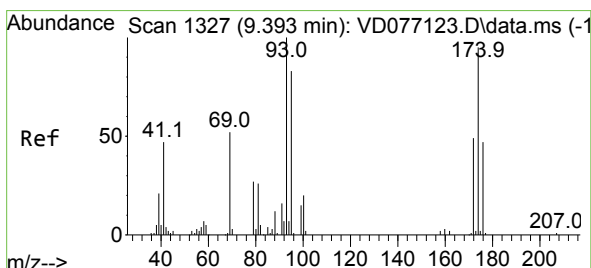
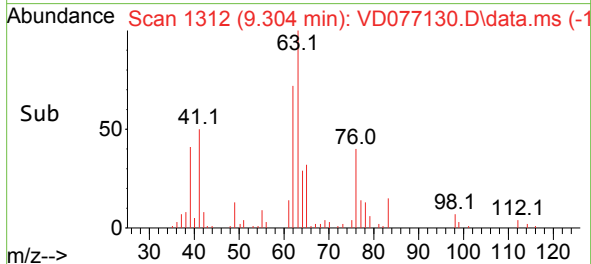
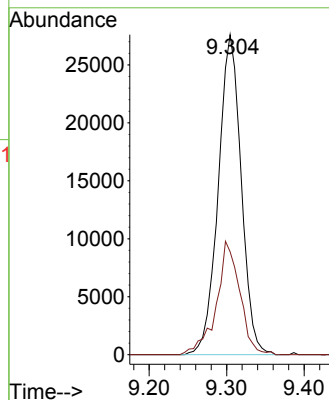
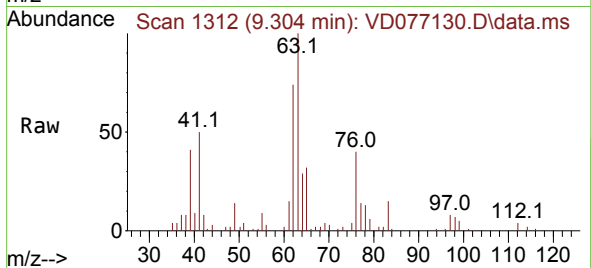
ClientSampleId :

Tgt Ion: 63 Resp: 56840

Ion Ratio Lower Upper

63 100

65 32.2 24.5 36.7



#46

Dibromomethane

Concen: 21.616 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

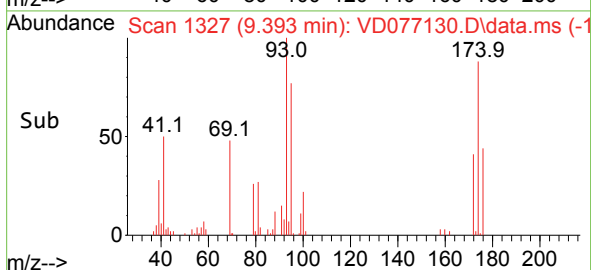
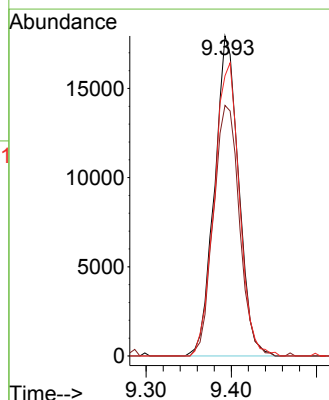
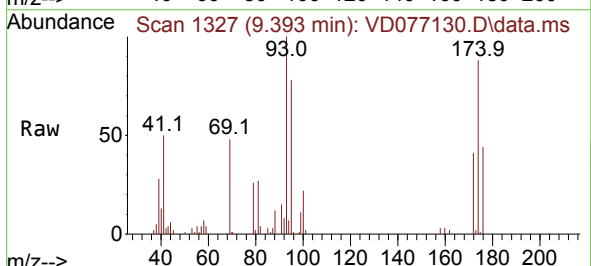
Tgt Ion: 93 Resp: 35433

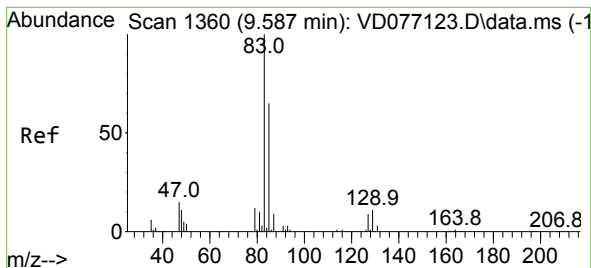
Ion Ratio Lower Upper

93 100

95 83.9 67.7 101.5

174 95.2 85.4 128.2





#47

Bromodichloromethane

Concen: 20.643 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

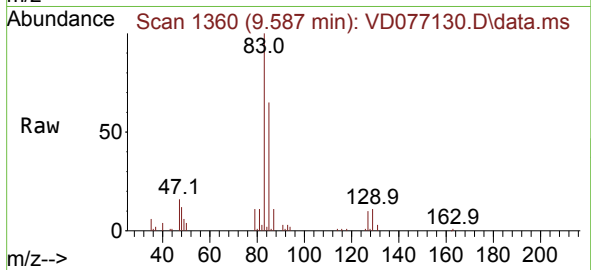
Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

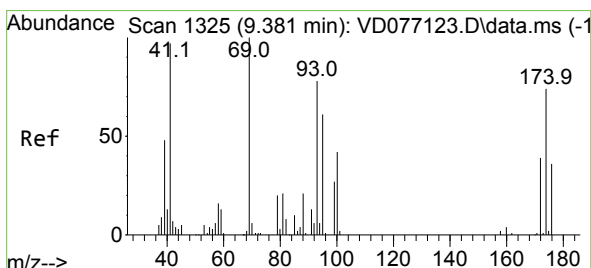
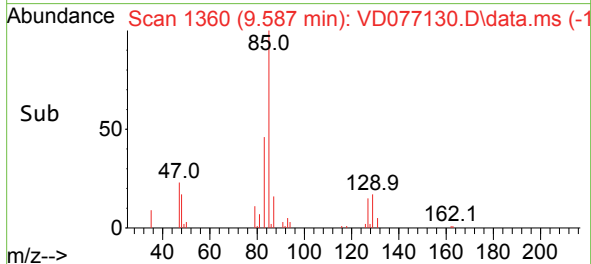
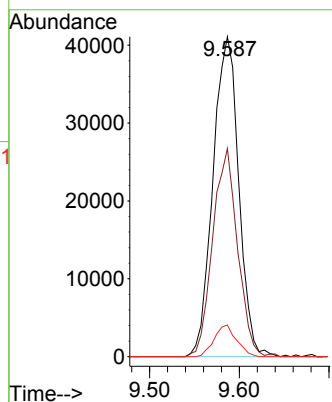
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	81772
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.2	75.4
127	9.9	6.3	9.5#



#48

Methyl methacrylate

Concen: 21.440 ug/l

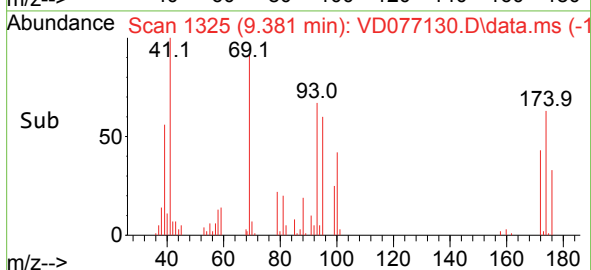
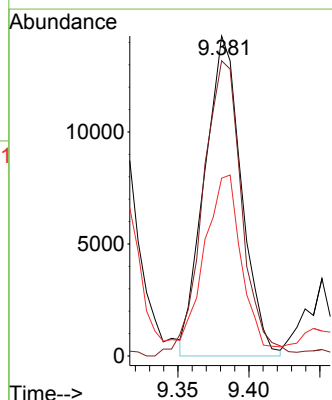
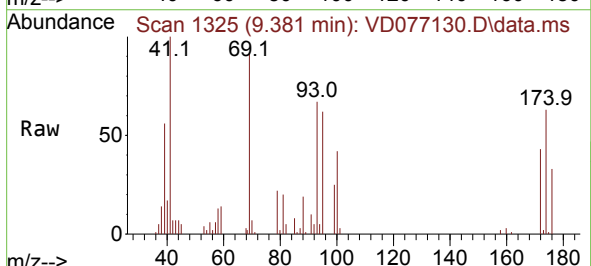
RT: 9.381 min Scan# 1325

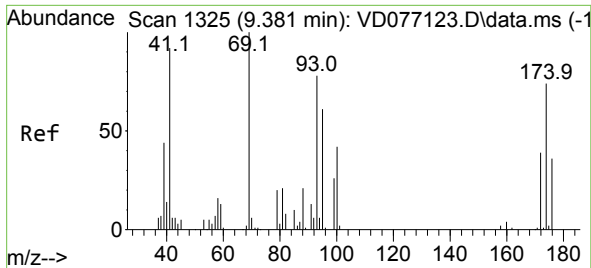
Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Tgt Ion:	41	Resp:	25833
Ion Ratio	Lower	Upper	
41	100		
69	97.1	102.2	153.2#
39	51.8	41.4	62.2

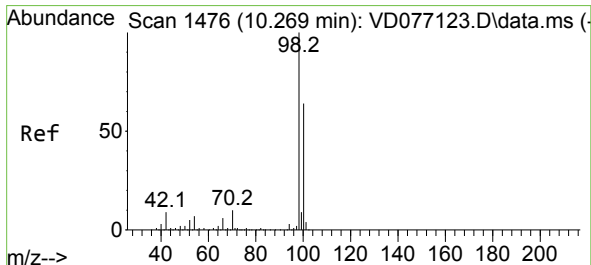
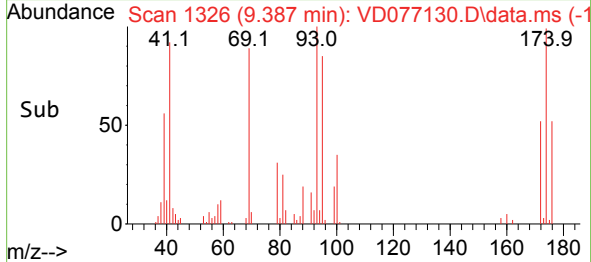
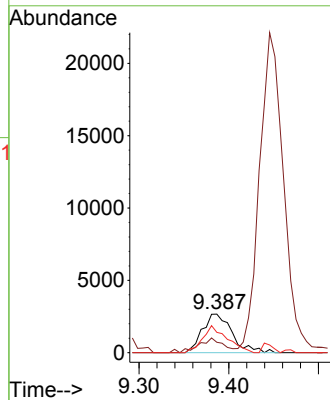
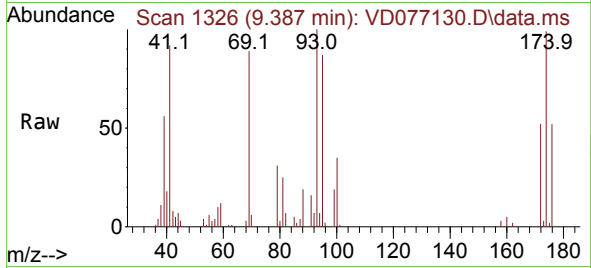




#49
1,4-Dioxane
Concen: 414.031 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

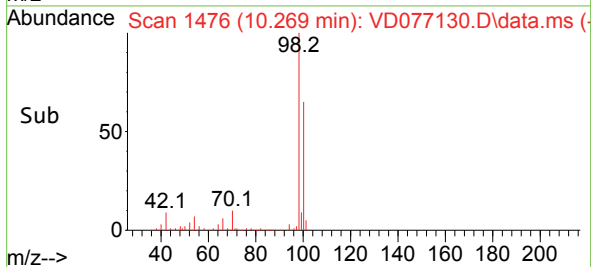
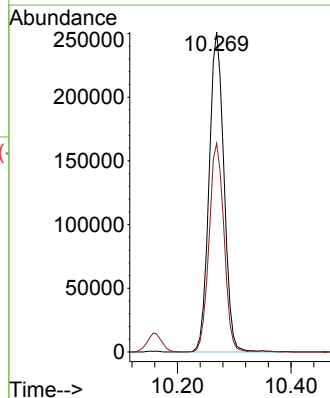
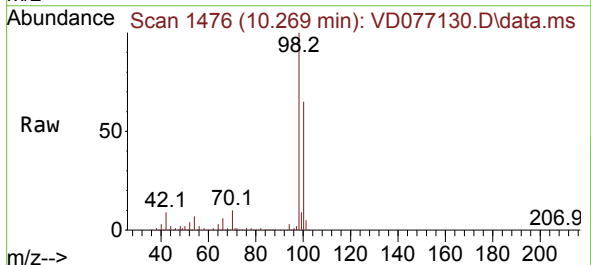
Instrument :
MSVOA_D
ClientSampleId :

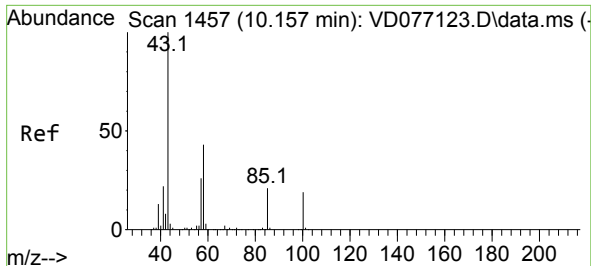
Tgt Ion: 88 Resp: 6126
Ion Ratio Lower Upper
88 100
43 31.4 19.0 28.6#
58 57.8 43.5 65.3



#50
Toluene-d8
Concen: 51.120 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 98 Resp: 453527
Ion Ratio Lower Upper
98 100
100 65.6 50.3 75.5

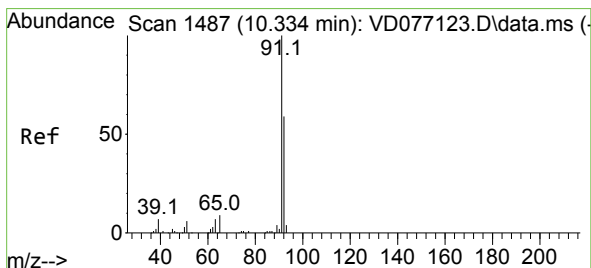
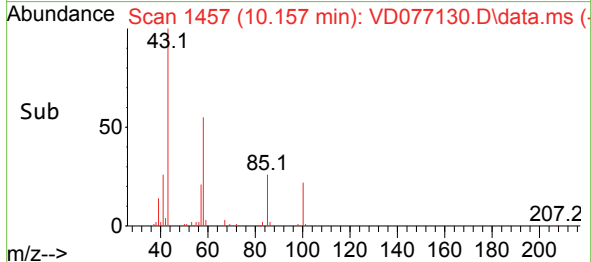
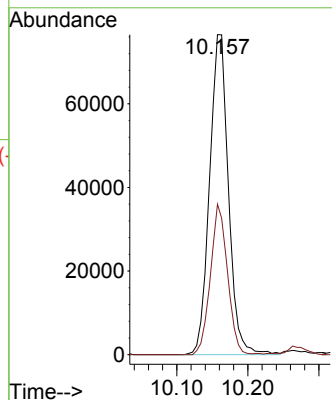
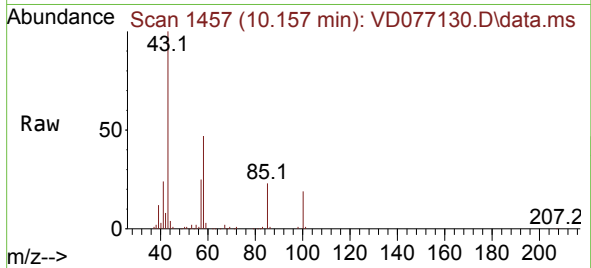




#51
4-Methyl-2-Pentanone
Concen: 102.050 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

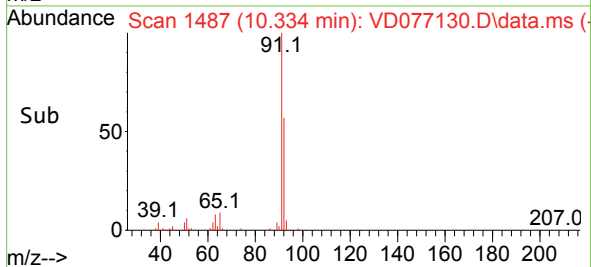
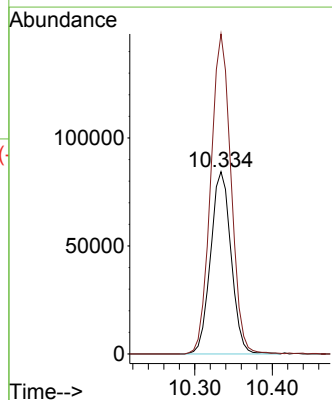
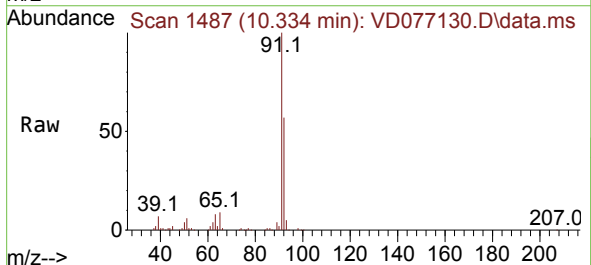
Instrument :
MSVOA_D
ClientSampleId :

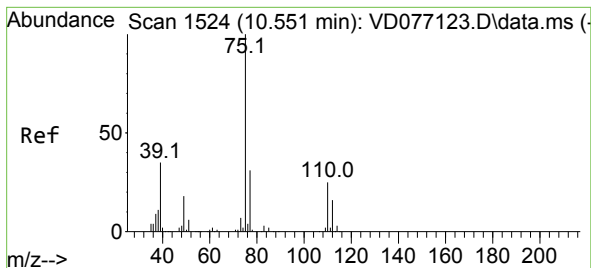
Tgt Ion: 43 Resp: 141520
Ion Ratio Lower Upper
43 100
58 42.4 38.9 58.3



#52
Toluene
Concen: 20.895 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 92 Resp: 155242
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4

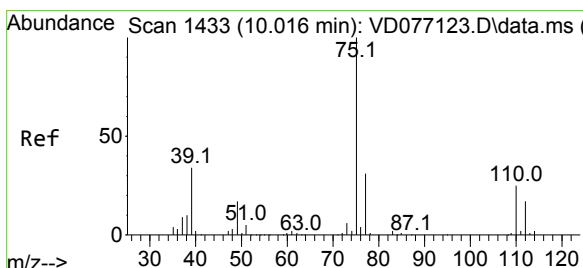
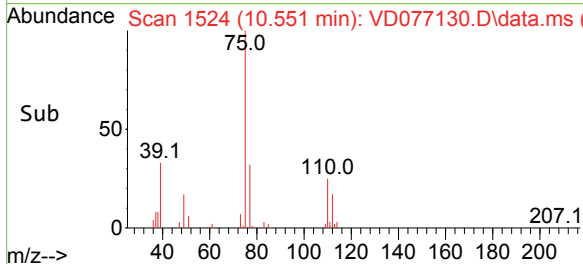
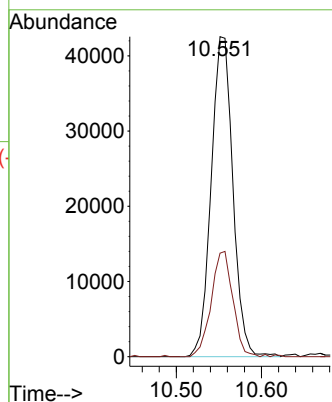
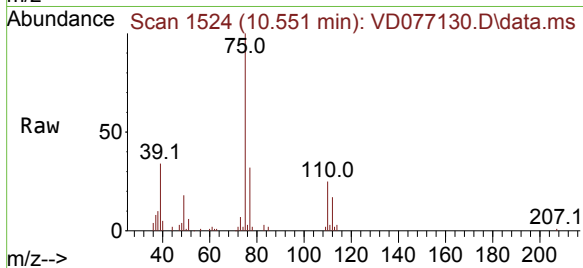




#53
 t-1,3-Dichloropropene
 Concen: 20.363 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

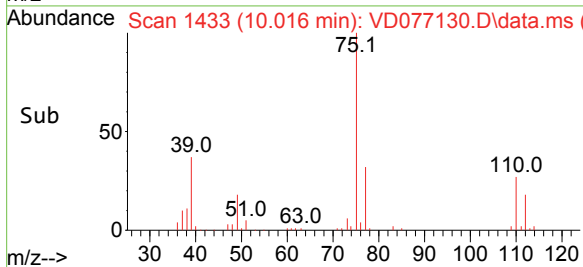
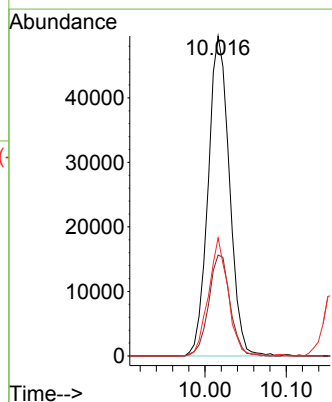
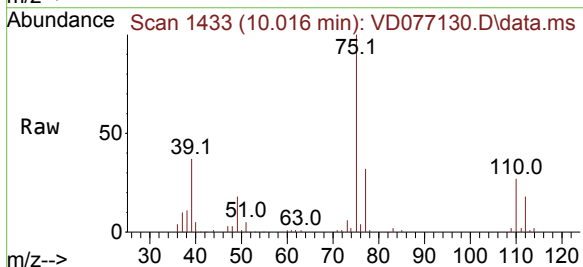
Instrument :
 MSVOA_D
 ClientSampleId :

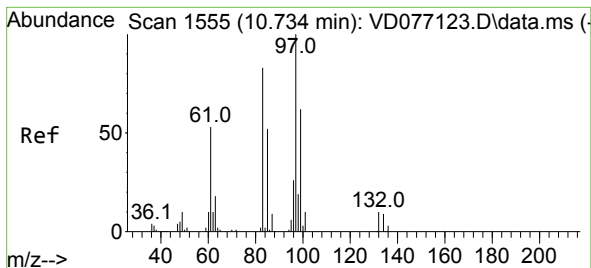
Tgt Ion: 75 Resp: 75357
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.354 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

Tgt Ion: 75 Resp: 90246
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3
 39 36.9 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.169 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

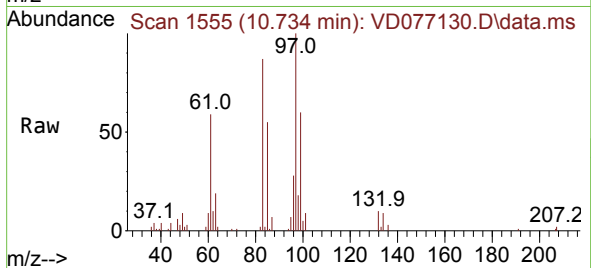
Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 44967

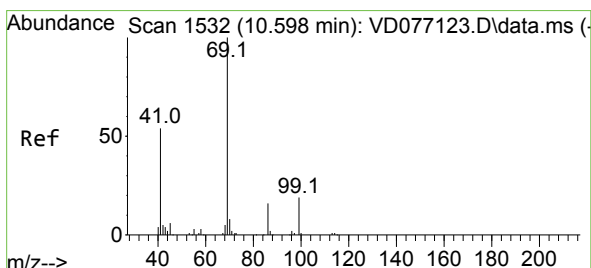
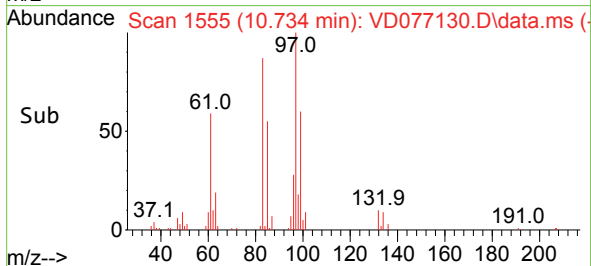
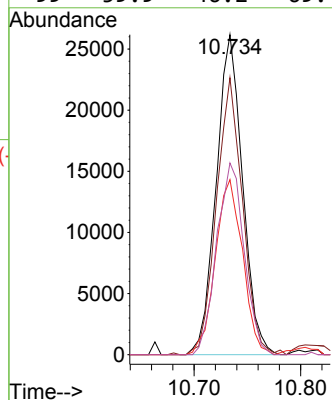
Ion Ratio Lower Upper

97 100

83 86.6 65.8 98.6

85 54.7 45.7 68.5

99 59.9 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.985 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

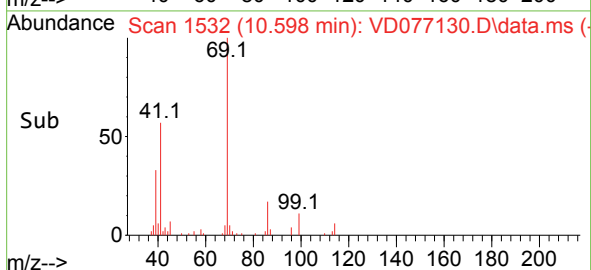
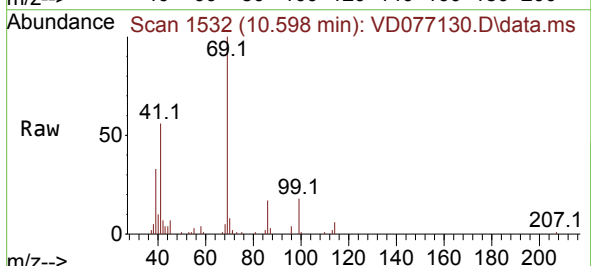
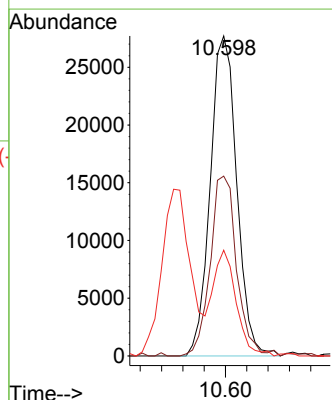
Tgt Ion: 69 Resp: 47868

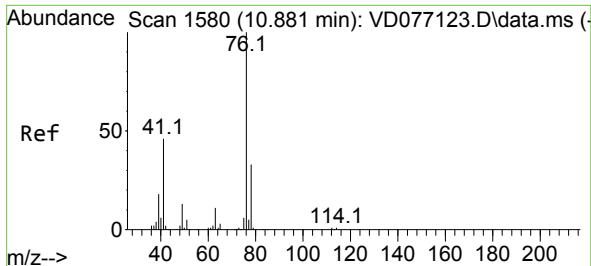
Ion Ratio Lower Upper

69 100

41 56.4 39.1 58.7

39 28.8 20.0 30.0





#57

1,3-Dichloropropane

Concen: 20.590 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

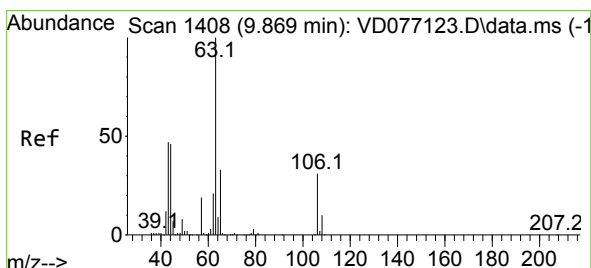
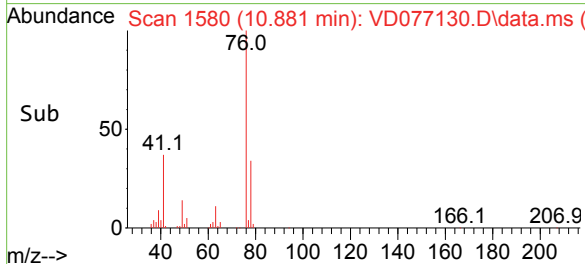
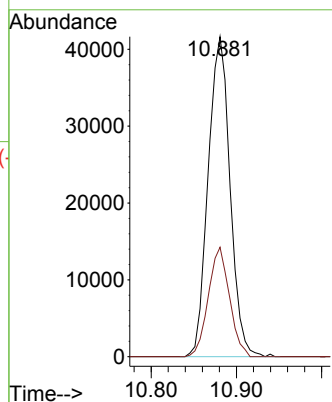
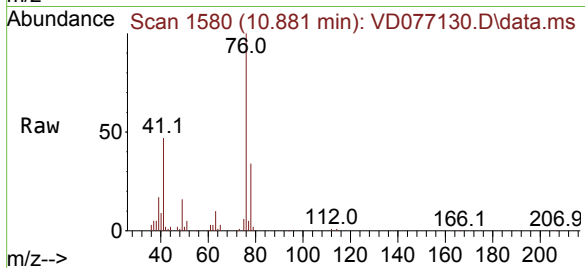
ClientSampleId :

Tgt Ion: 76 Resp: 74314

Ion Ratio Lower Upper

76 100

78 33.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 78.527 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077130.D

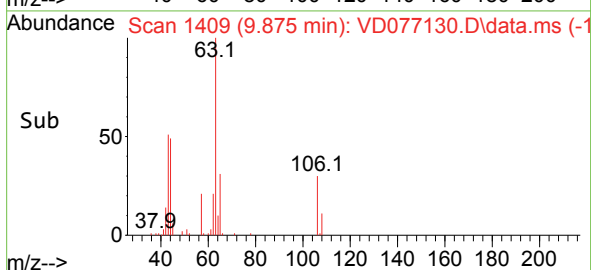
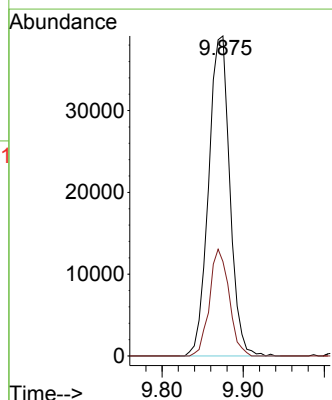
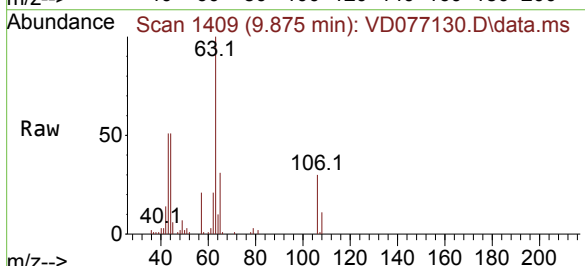
Acq: 18 Sep 2023 15:26

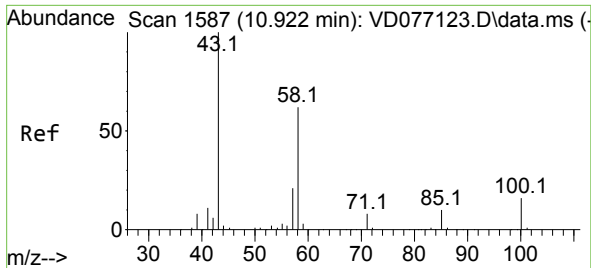
Tgt Ion: 63 Resp: 70938

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

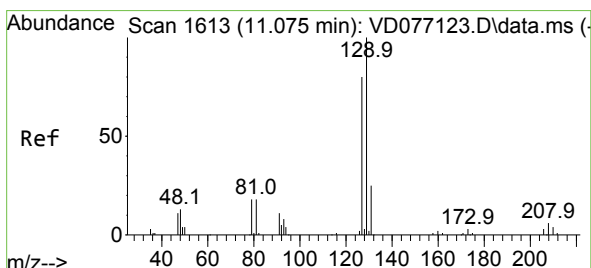
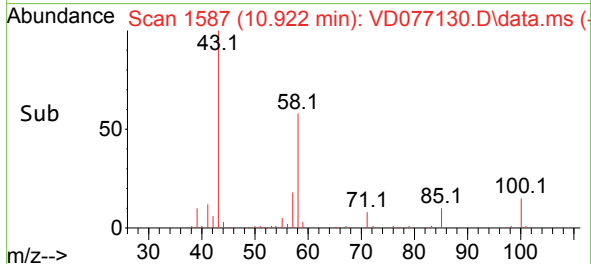
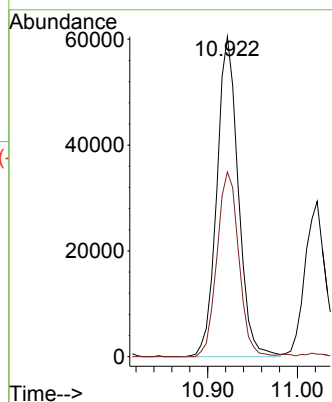
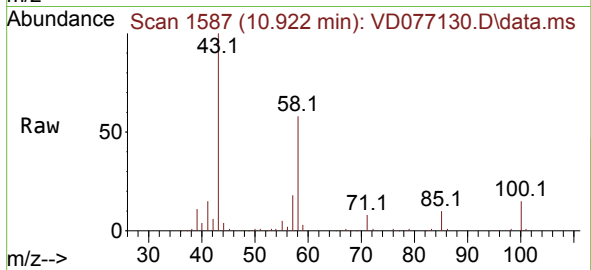




#59
2-Hexanone
Concen: 100.656 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

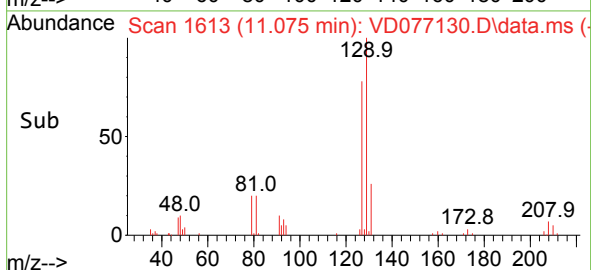
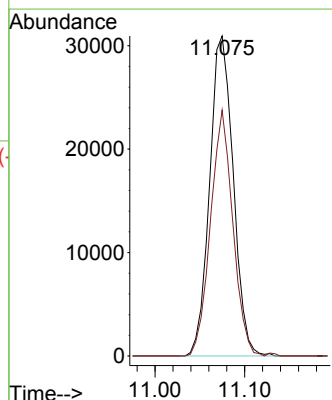
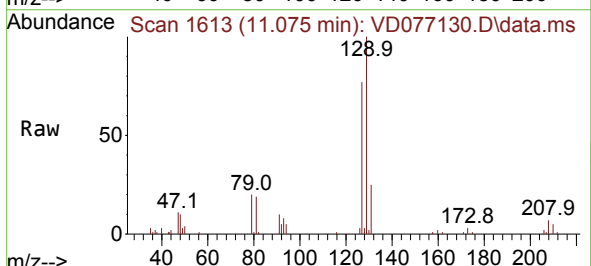
Instrument :
MSVOA_D
ClientSampleId :

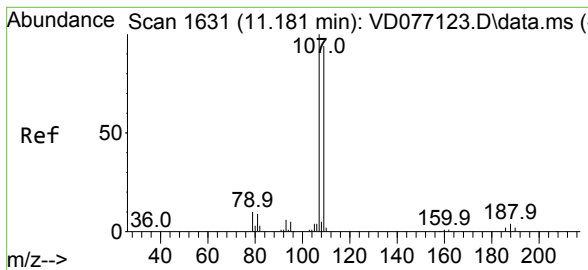
Tgt Ion: 43 Resp: 100153
Ion Ratio Lower Upper
43 100
58 58.8 34.1 102.2



#60
Dibromochloromethane
Concen: 20.698 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion:129 Resp: 56520
Ion Ratio Lower Upper
129 100
127 72.6 37.1 111.5

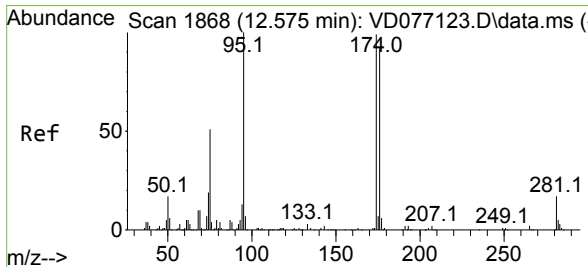
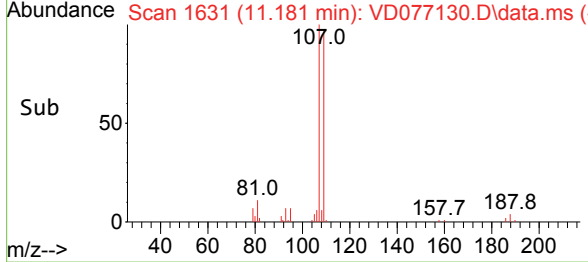
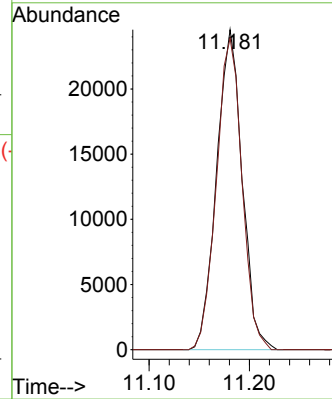
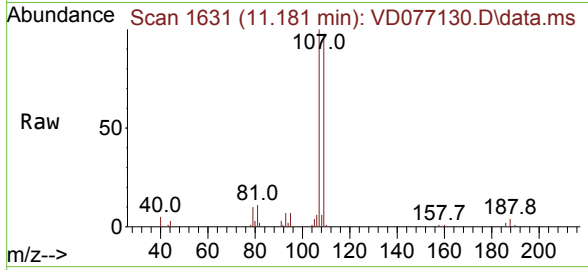




#61
 1,2-Dibromoethane
 Concen: 20.231 ug/l
 RT: 11.181 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

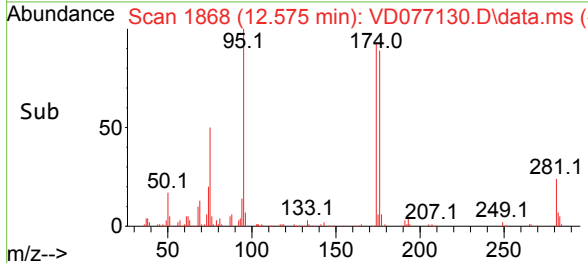
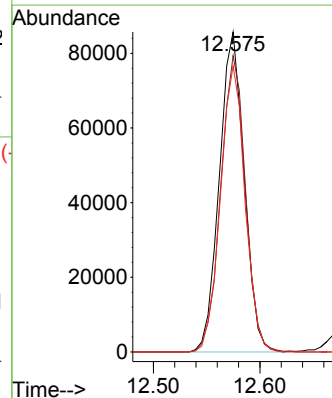
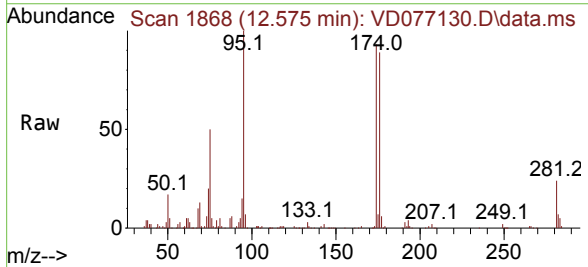
Instrument :
 MSVOA_D
 ClientSampleId :

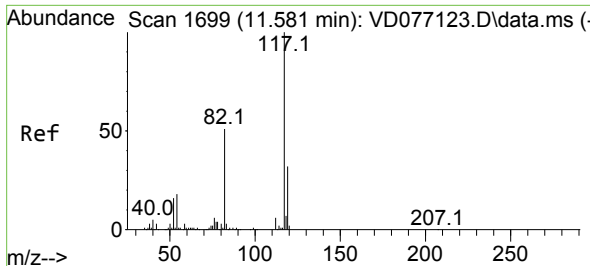
Tgt Ion: 107 Resp: 43604
 Ion Ratio Lower Upper
 107 100
 109 97.2 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 50.267 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

Tgt Ion: 95 Resp: 138222
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 201.8
 176 88.7 0.0 191.8

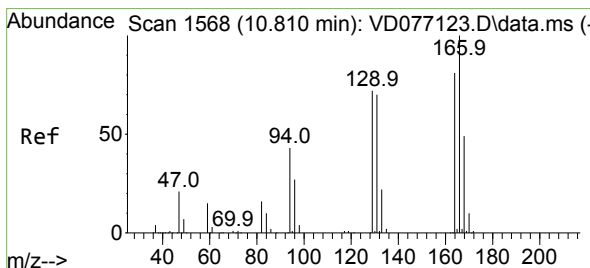
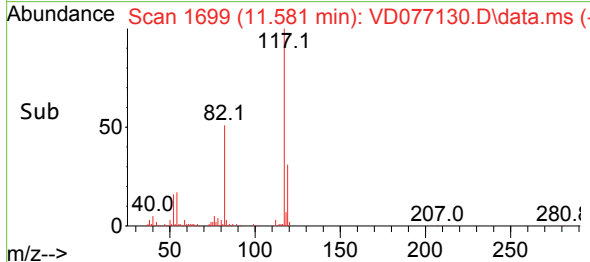
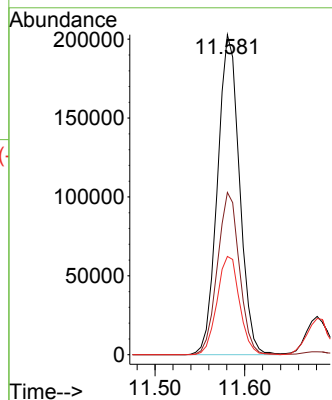
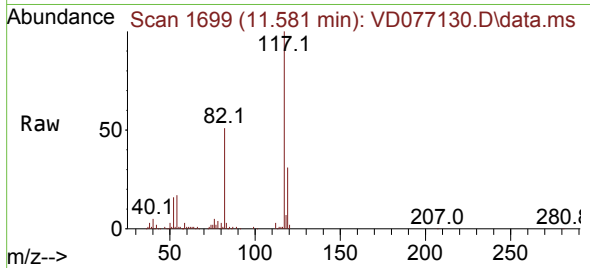




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

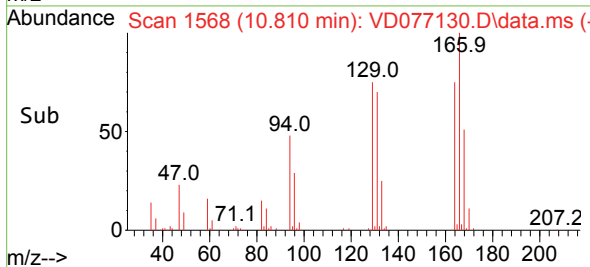
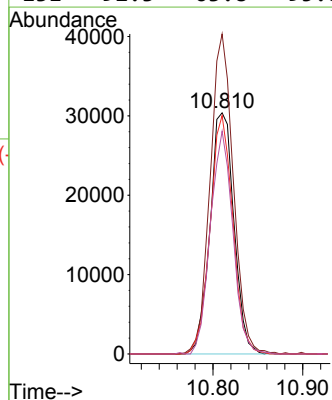
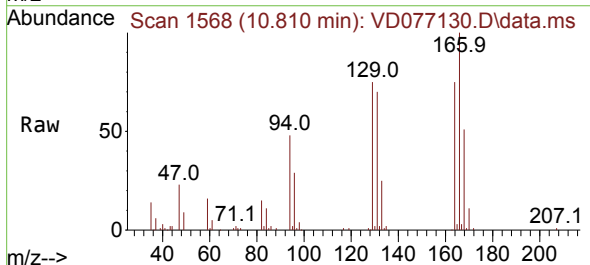
Instrument :
MSVOA_D
ClientSampleId :

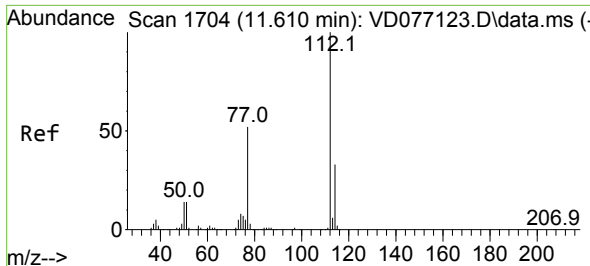
Tgt Ion:117 Resp: 344798
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 30.7 25.0 37.4



#64
Tetrachloroethene
Concen: 20.972 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion:164 Resp: 56261
Ion Ratio Lower Upper
164 100
166 132.7 99.2 148.8
129 98.9 68.4 102.6
131 92.3 63.8 95.8

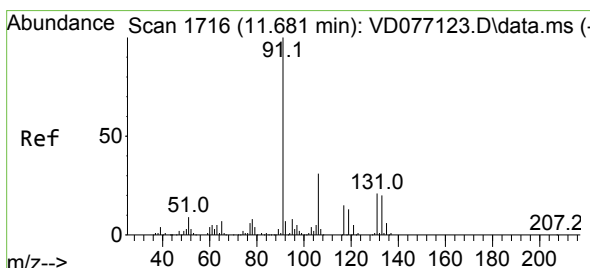
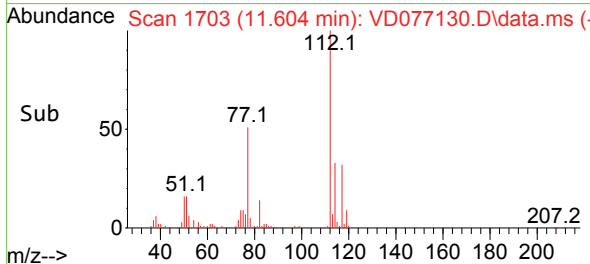
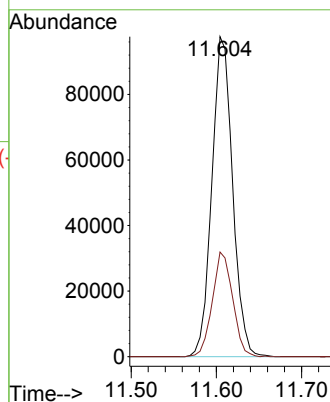
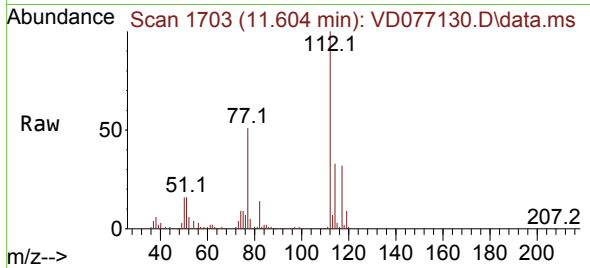




#65
Chlorobenzene
Concen: 20.367 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

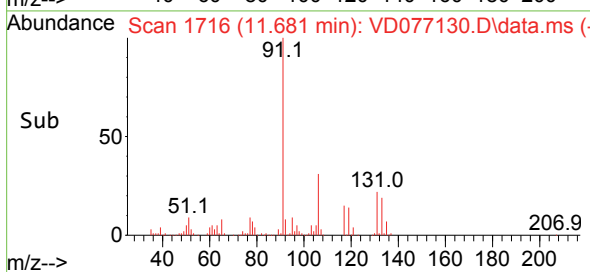
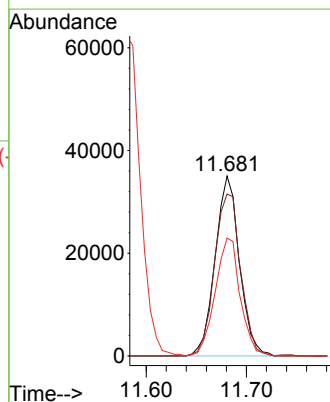
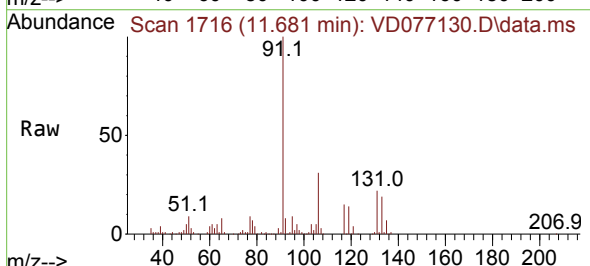
Instrument :
MSVOA_D
ClientSampleId :

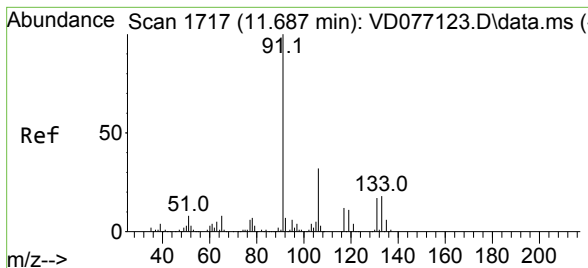
Tgt Ion:112 Resp: 165201
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.842 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion:131 Resp: 58879
Ion Ratio Lower Upper
131 100
133 96.7 48.5 145.5
119 67.5 35.6 106.9





#67

Ethyl Benzene

Concen: 20.109 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

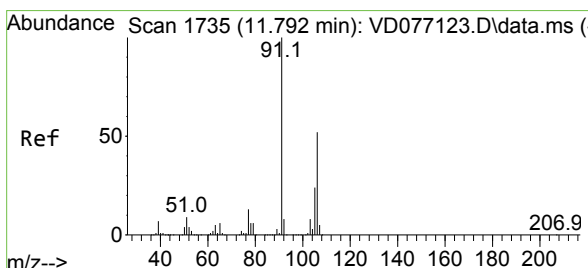
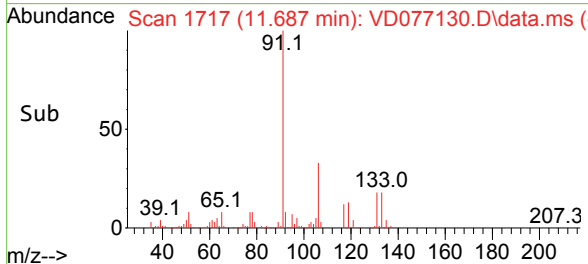
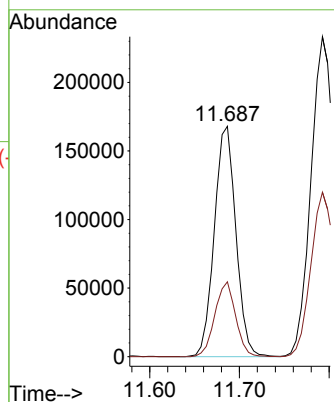
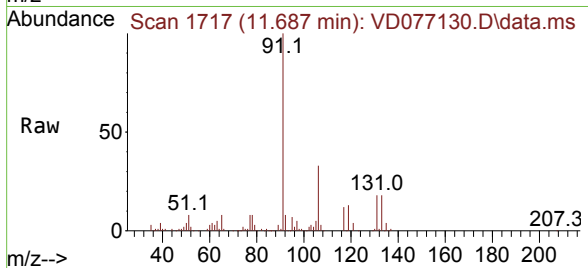
ClientSampleId :

Tgt Ion: 91 Resp: 280356

Ion Ratio Lower Upper

91 100

106 32.5 26.5 39.7



#68

m/p-Xylenes

Concen: 40.403 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077130.D

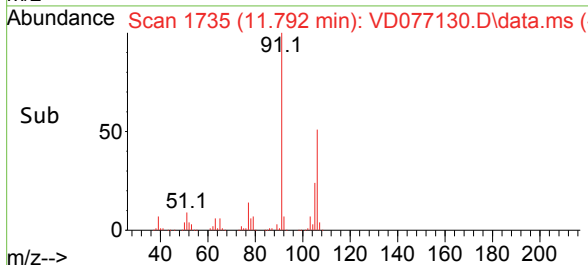
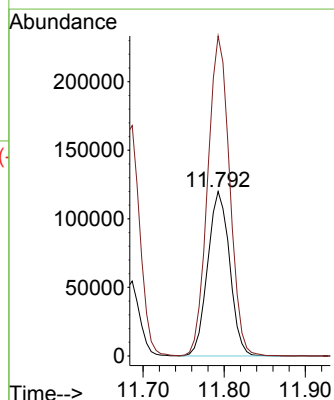
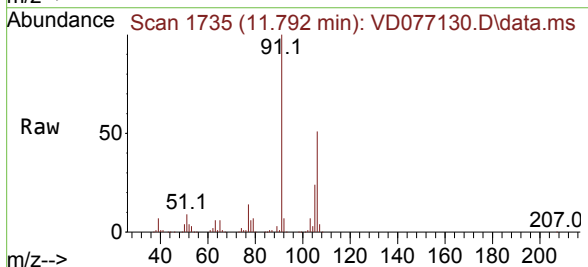
Acq: 18 Sep 2023 15:26

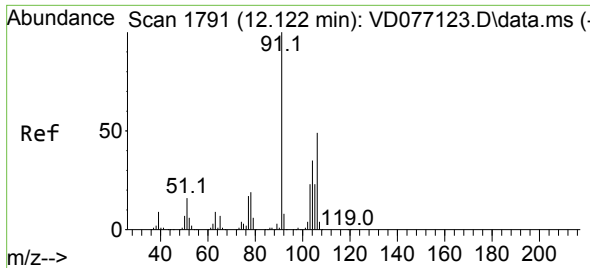
Tgt Ion:106 Resp: 225540

Ion Ratio Lower Upper

106 100

91 194.4 147.0 220.6

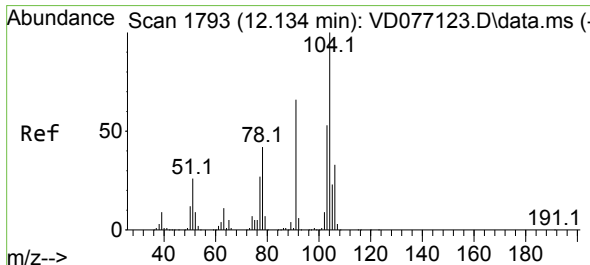
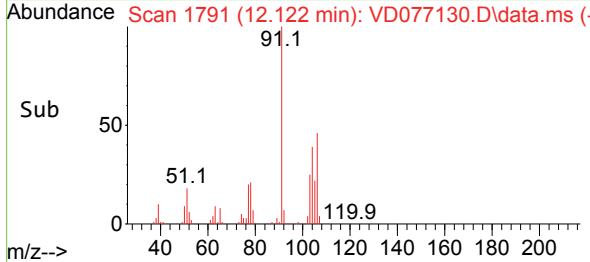
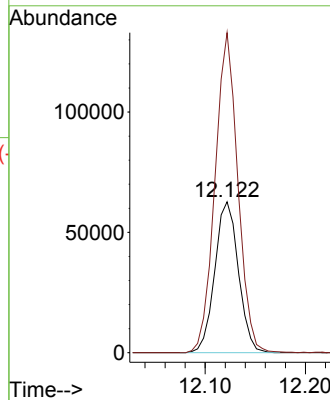
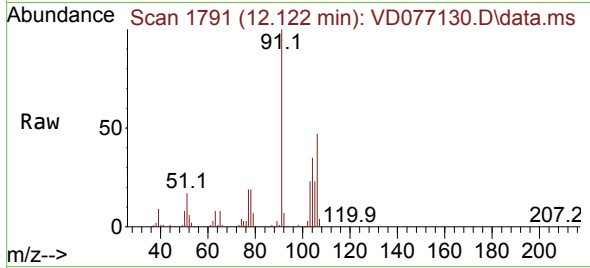




#69
o-Xylene
Concen: 19.997 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

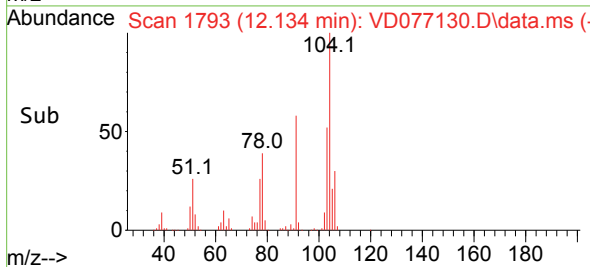
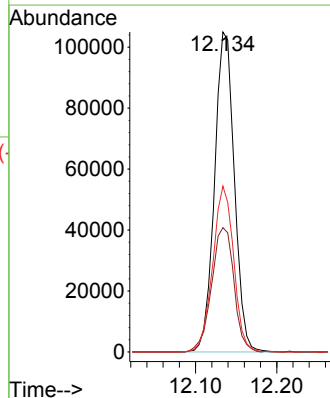
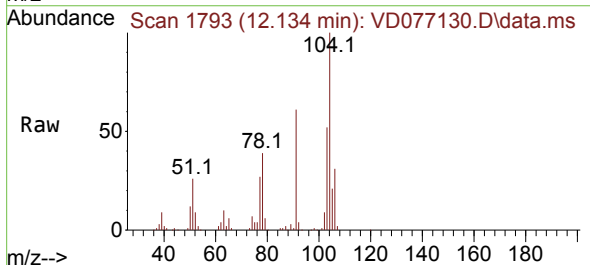
Instrument :
MSVOA_D
ClientSampleId :

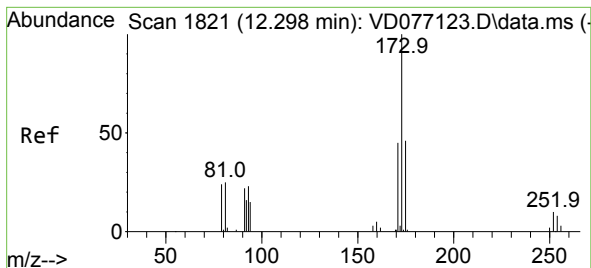
Tgt Ion:106 Resp: 102458
Ion Ratio Lower Upper
106 100
91 205.3 97.9 293.6



#70
Styrene
Concen: 20.430 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion:104 Resp: 178333
Ion Ratio Lower Upper
104 100
78 43.9 33.2 49.8
103 54.6 43.6 65.4





#71

Bromoform

Concen: 20.339 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077130.D

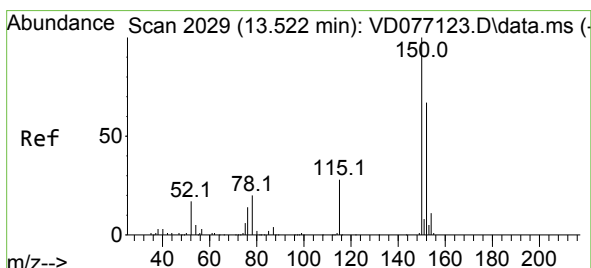
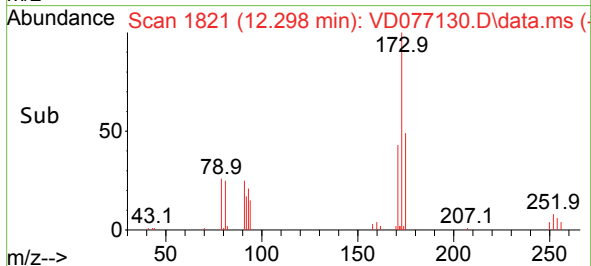
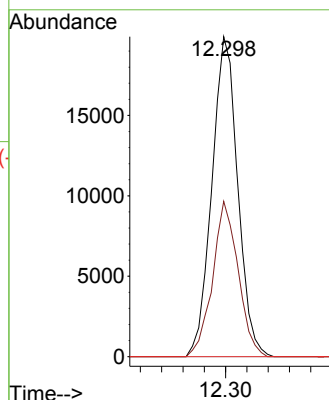
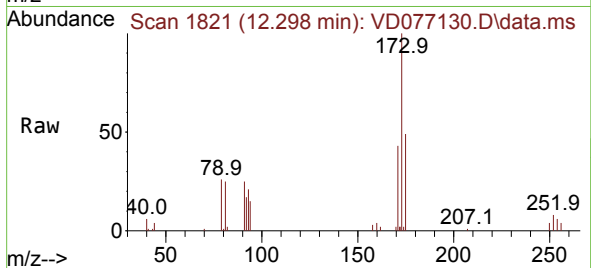
Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	33455
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

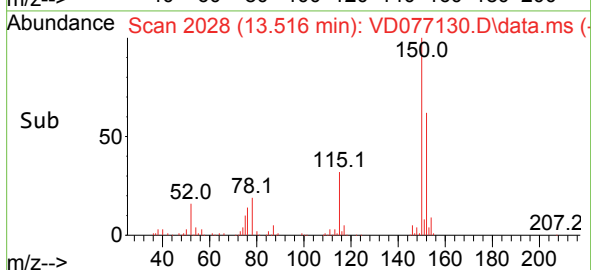
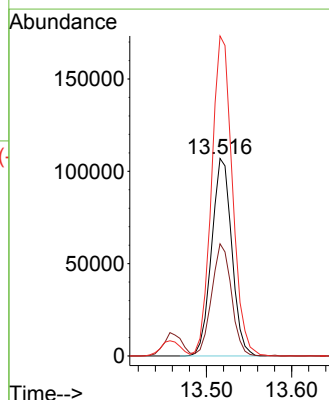
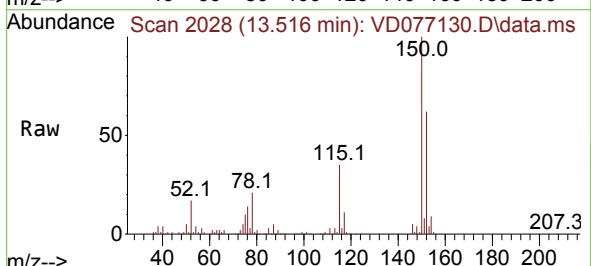
RT: 13.516 min Scan# 2028

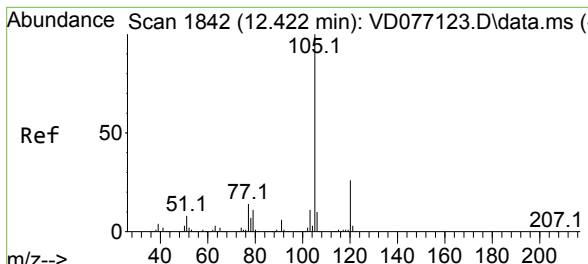
Delta R.T. -0.006 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

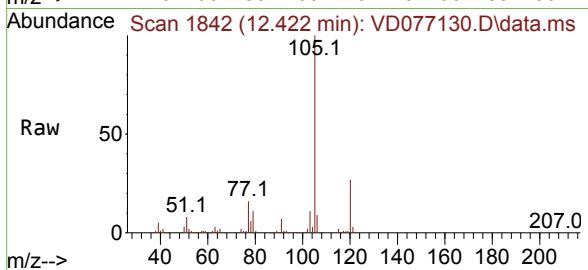
Tgt Ion:152	Resp:	176638
Ion Ratio	Lower	Upper
152	100	
115	55.5	27.1 81.3
150	166.8	0.0 353.6



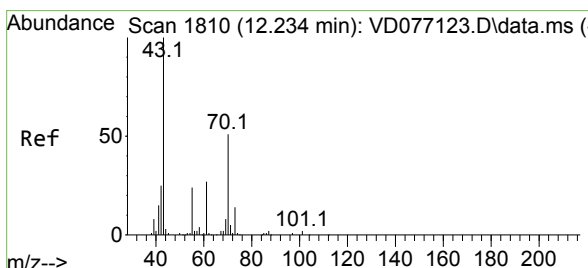
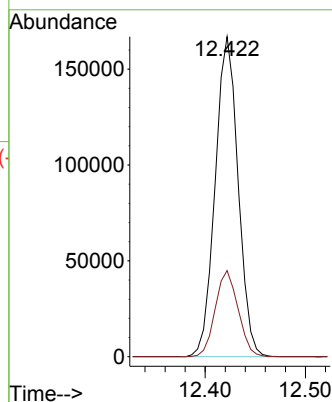
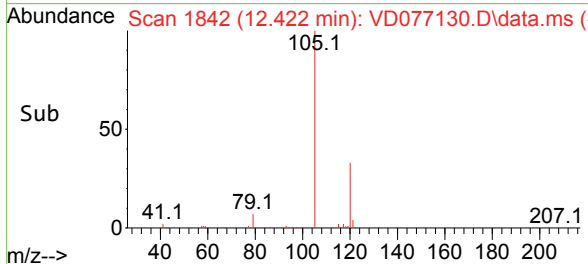


#73
Isopropylbenzene
Concen: 20.287 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

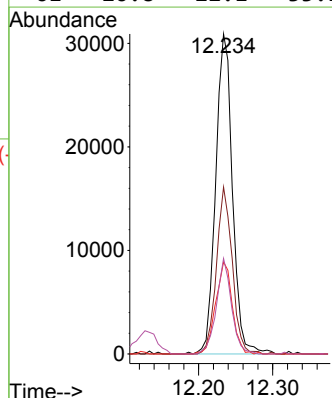
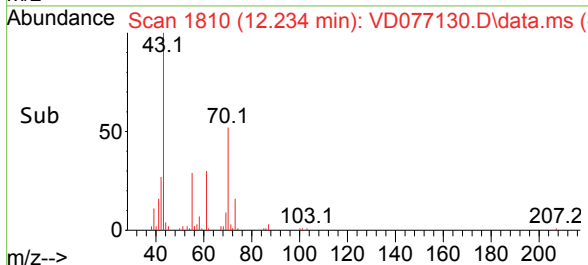
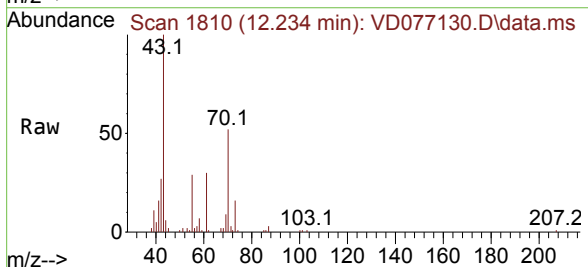


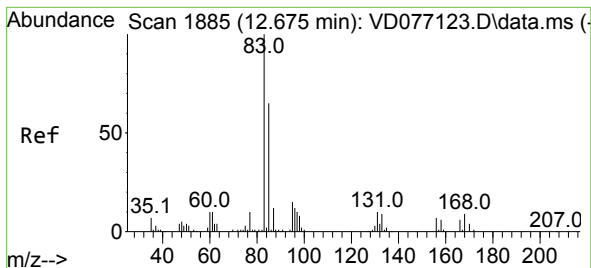
Tgt Ion:105 Resp: 264780
Ion Ratio Lower Upper
105 100
120 26.8 14.3 42.9



#74
N-ethyl acetate
Concen: 19.829 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 43 Resp: 48616
Ion Ratio Lower Upper
43 100
70 49.0 45.0 67.4
55 28.5 23.8 35.6
61 26.8 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.218 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077130.D

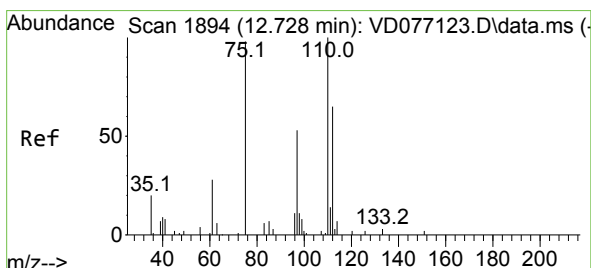
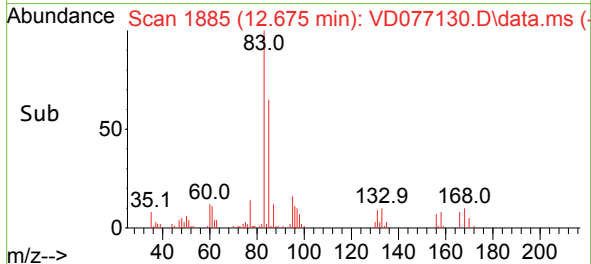
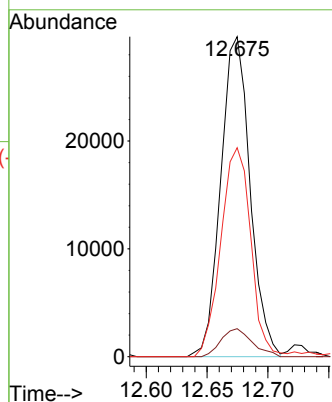
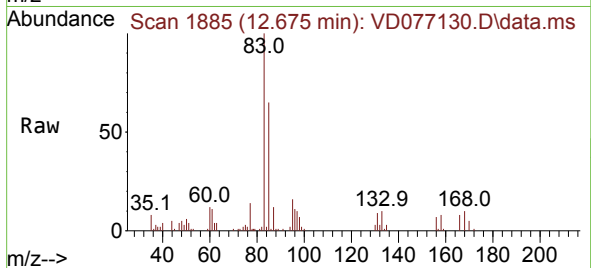
Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	49798
Ion Ratio	Lower	Upper	
83	100		
131	9.3	5.1	15.3
85	66.6	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 42.007 ug/l

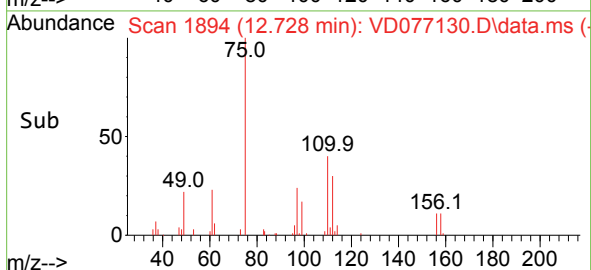
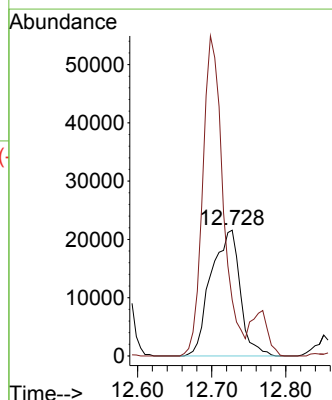
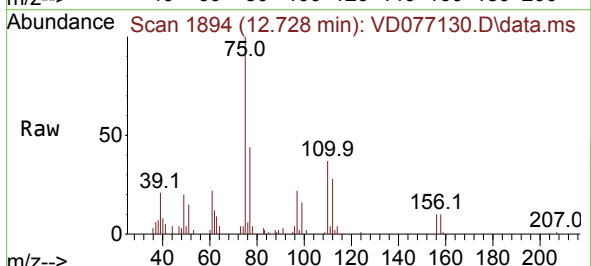
RT: 12.728 min Scan# 1894

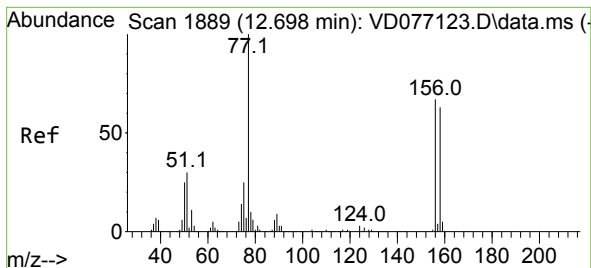
Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Tgt Ion:	75	Resp:	59187
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.624 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

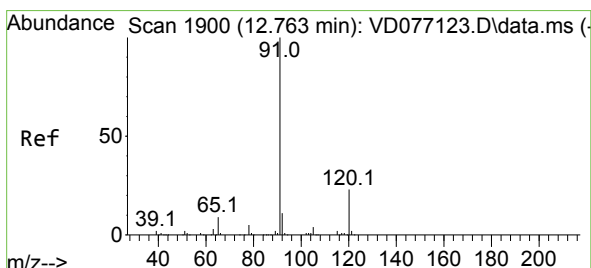
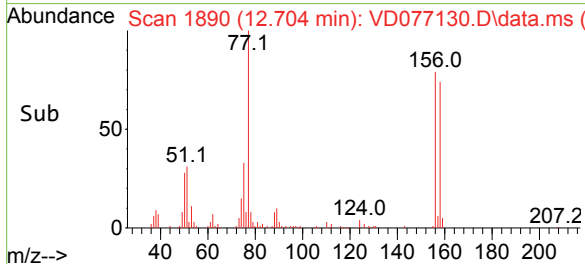
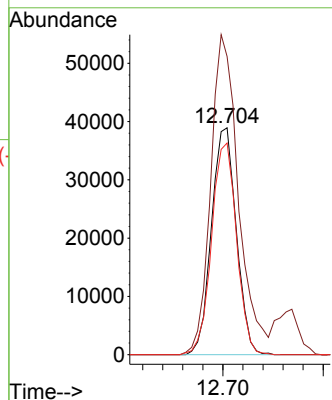
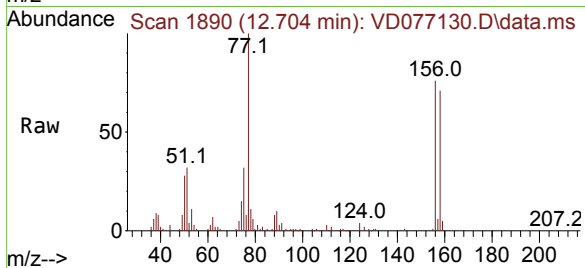
Tgt Ion:156 Resp: 67027

Ion Ratio Lower Upper

156 100

77 157.3 76.8 230.4

158 93.8 48.6 145.9



#78

n-propylbenzene

Concen: 20.998 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077130.D

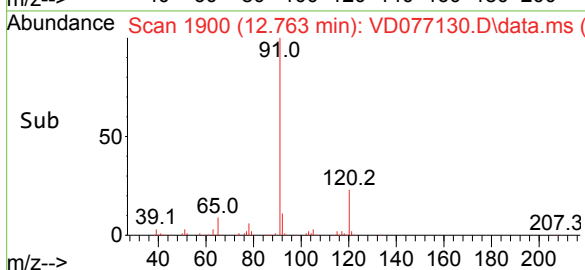
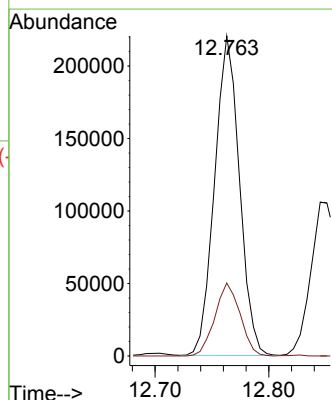
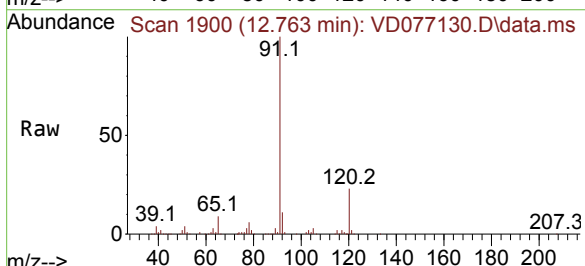
Acq: 18 Sep 2023 15:26

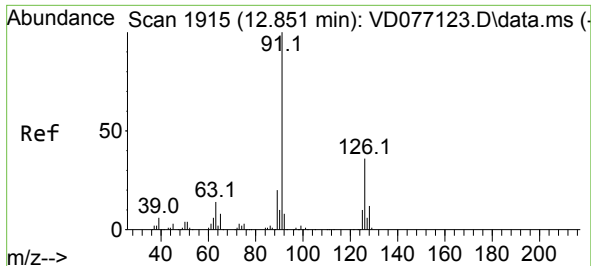
Tgt Ion: 91 Resp: 334986

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2

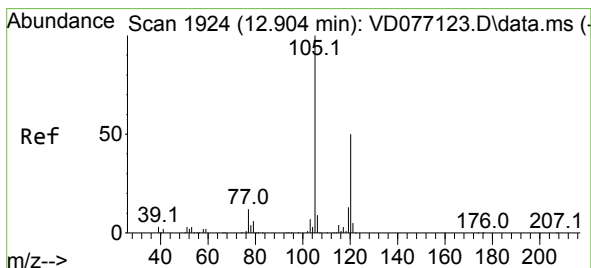
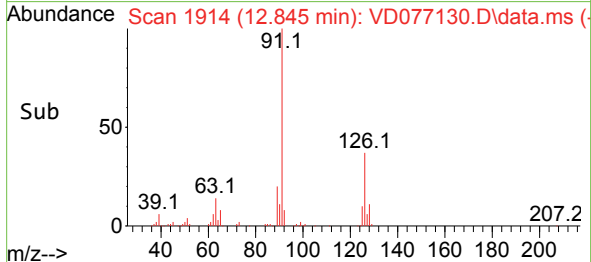
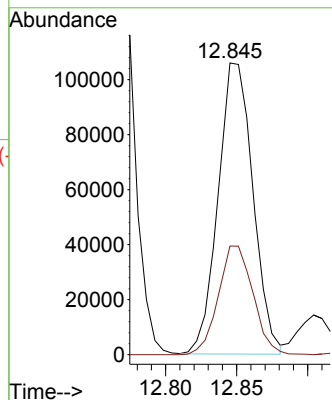
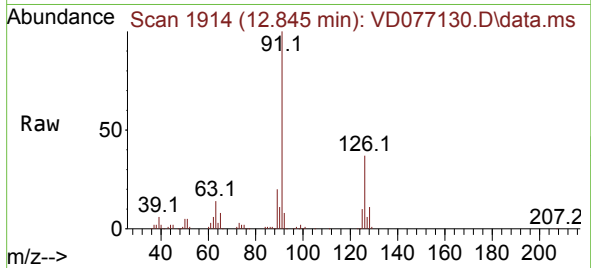




#79
2-Chlorotoluene
Concen: 20.564 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

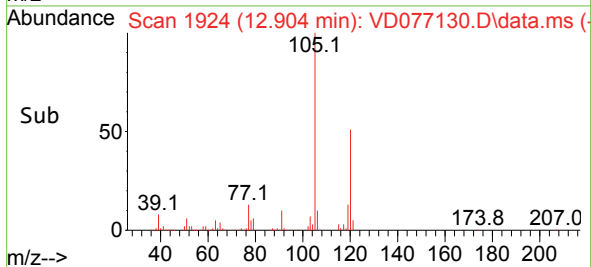
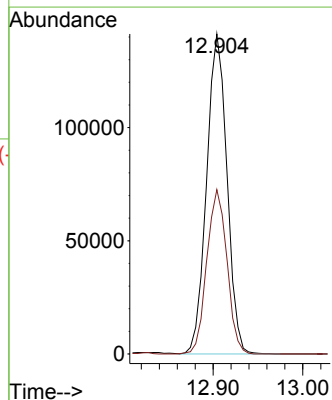
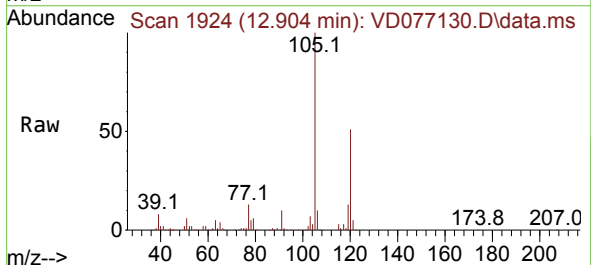
Instrument :
MSVOA_D
ClientSampleId :

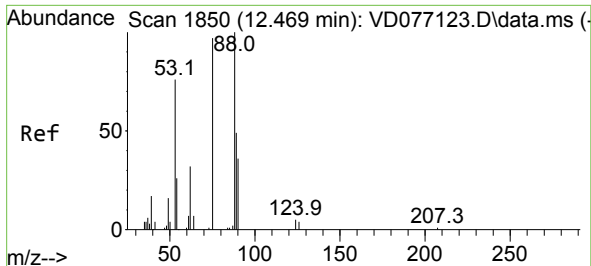
Tgt Ion: 91 Resp: 180911
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.449 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 105 Resp: 222900
Ion Ratio Lower Upper
105 100
120 50.7 26.4 79.2

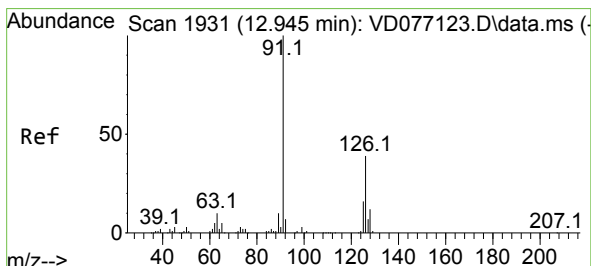
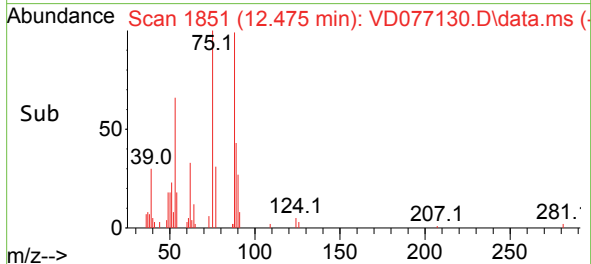
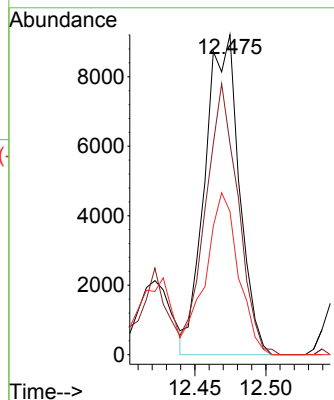
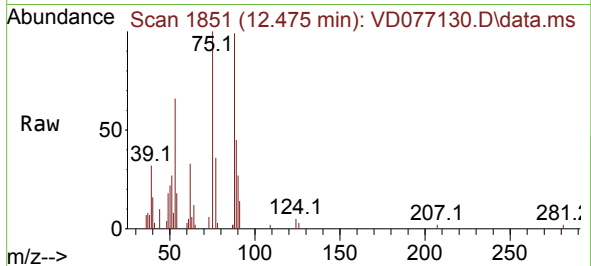




#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.635 ug/l
 RT: 12.475 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

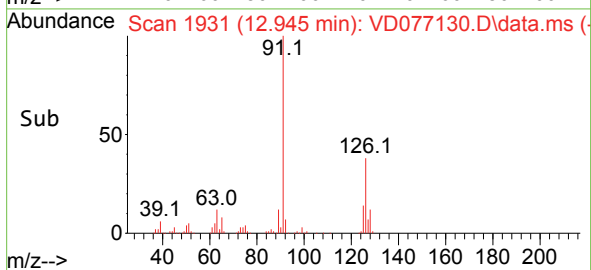
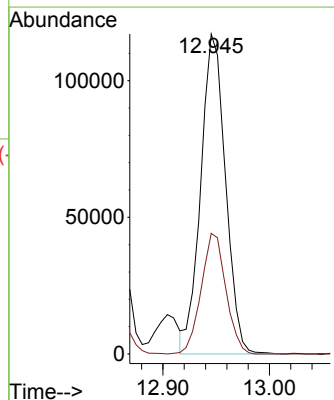
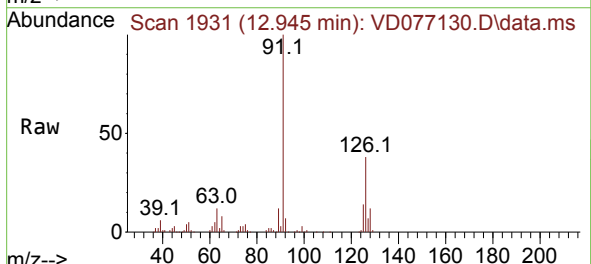
Instrument :
 MSVOA_D
 ClientSampleId :

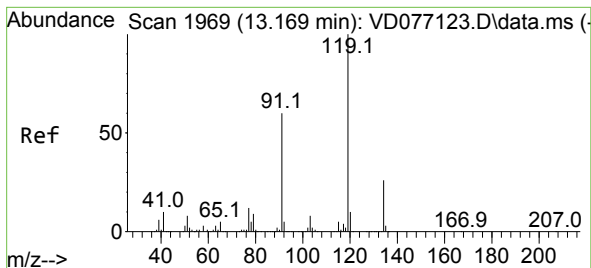
Tgt Ion: 75 Resp: 15361
 Ion Ratio Lower Upper
 75 100
 53 80.8 63.0 94.4
 89 49.1 37.9 56.9



#82
 4-Chlorotoluene
 Concen: 20.455 ug/l
 RT: 12.945 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

Tgt Ion: 91 Resp: 189129
 Ion Ratio Lower Upper
 91 100
 126 37.6 19.4 58.4





#83

tert-Butylbenzene

Concen: 20.476 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

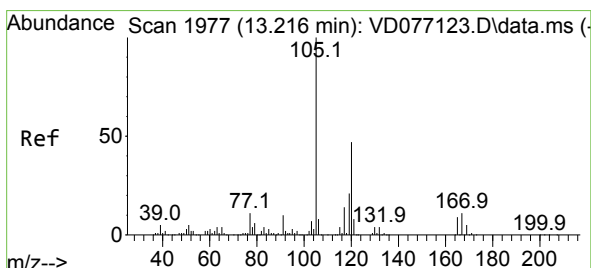
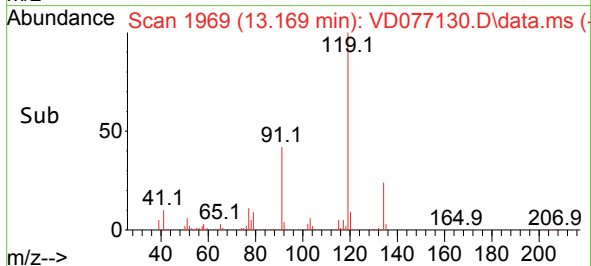
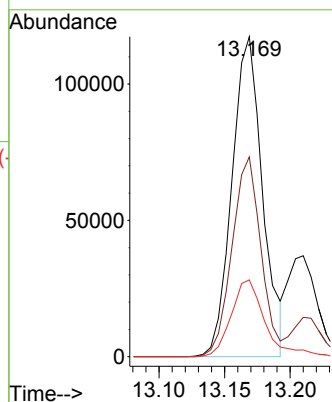
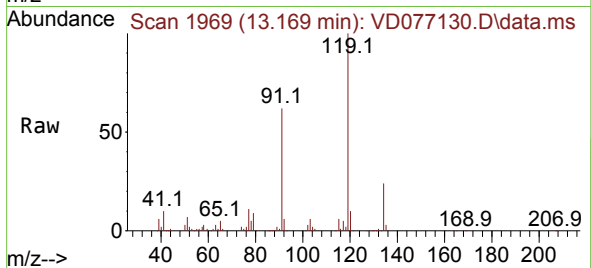
Tgt Ion:119 Resp: 190683

Ion Ratio Lower Upper

119 100

91 59.1 29.3 87.8

134 26.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.091 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077130.D

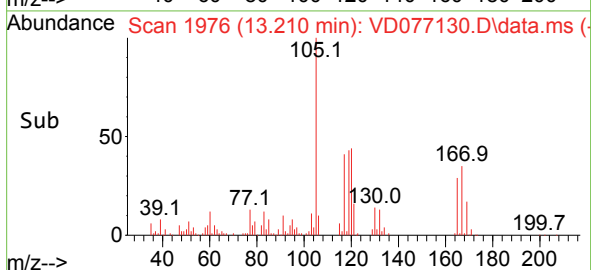
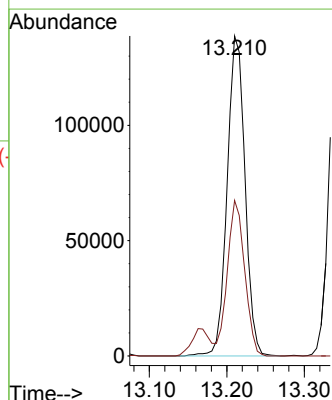
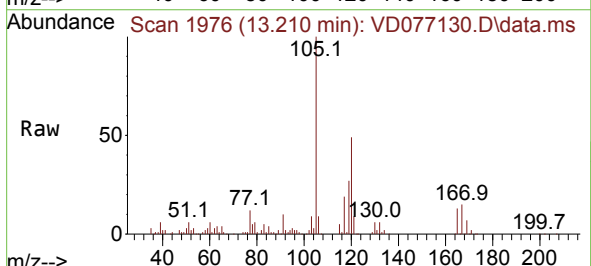
Acq: 18 Sep 2023 15:26

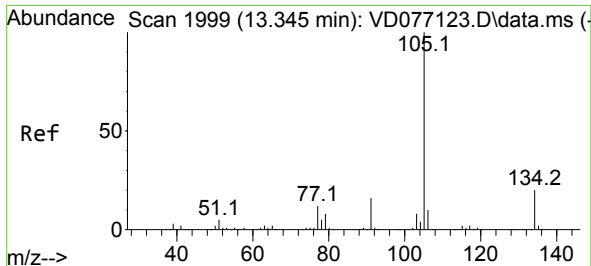
Tgt Ion:105 Resp: 222064

Ion Ratio Lower Upper

105 100

120 46.9 24.3 72.9

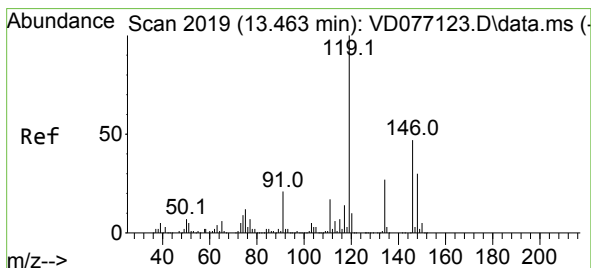
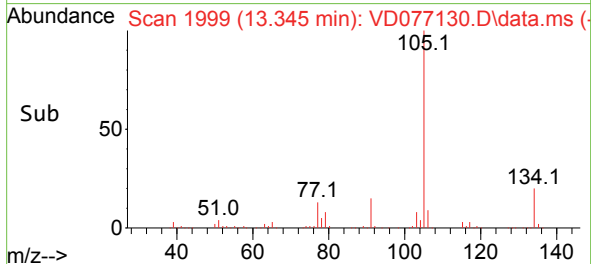
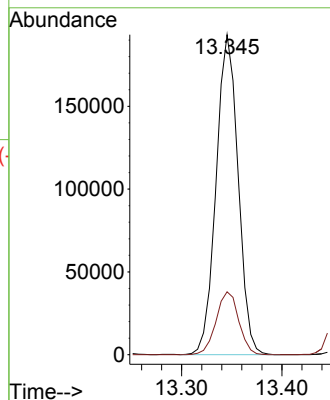
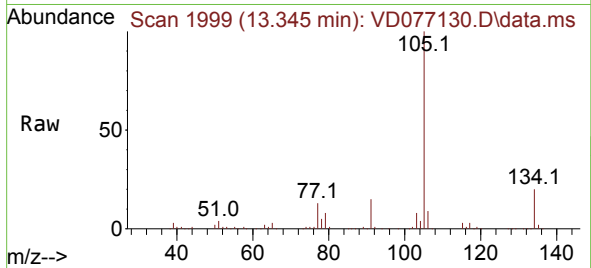




#85
 sec-Butylbenzene
 Concen: 21.046 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

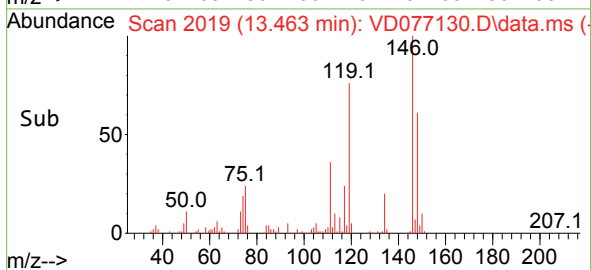
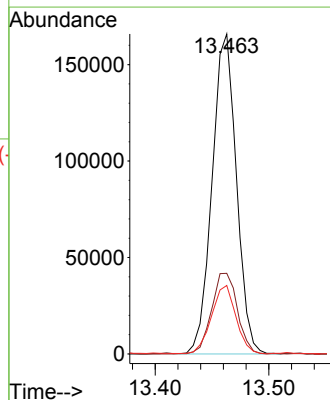
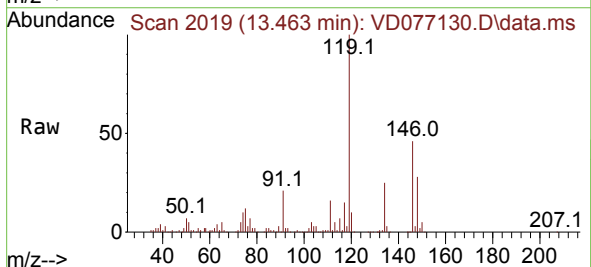
Instrument :
 MSVOA_D
 ClientSampleId :

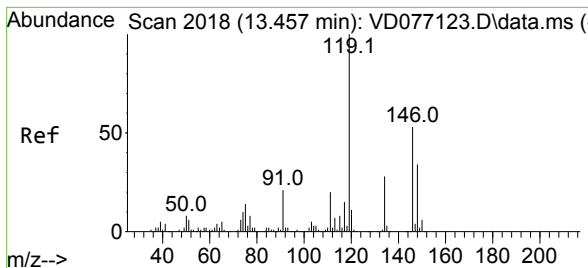
Tgt Ion:105 Resp: 294101
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.804 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077130.D
 Acq: 18 Sep 2023 15:26

Tgt Ion:119 Resp: 246631
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 21.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 19.882 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

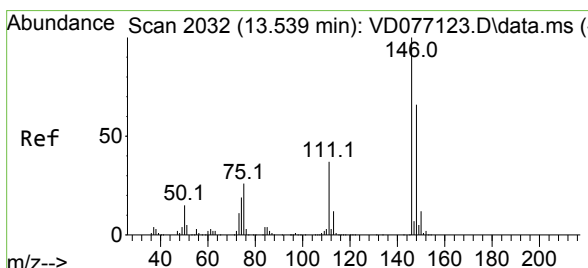
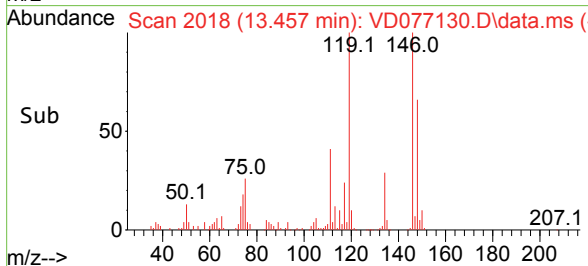
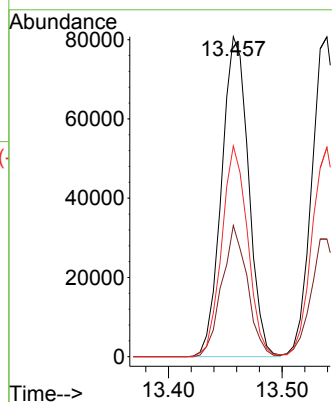
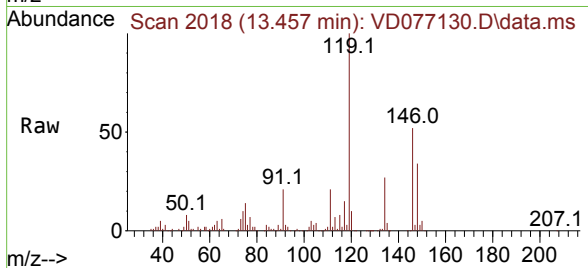
Tgt Ion:146 Resp: 132885

Ion Ratio Lower Upper

146 100

111 38.9 17.9 53.8

148 63.4 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.430 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

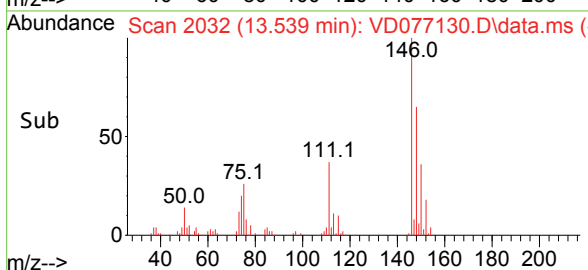
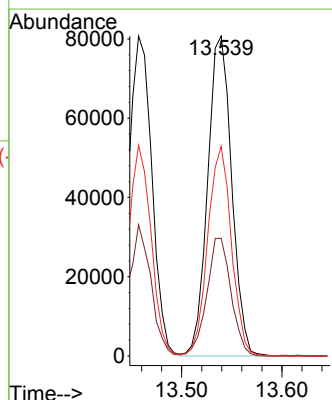
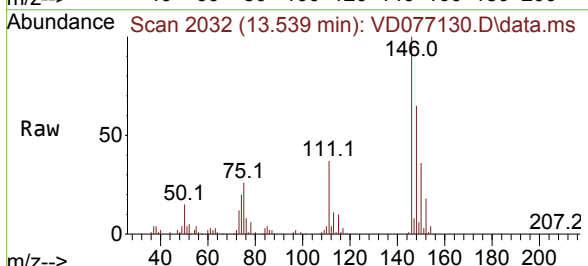
Tgt Ion:146 Resp: 134345

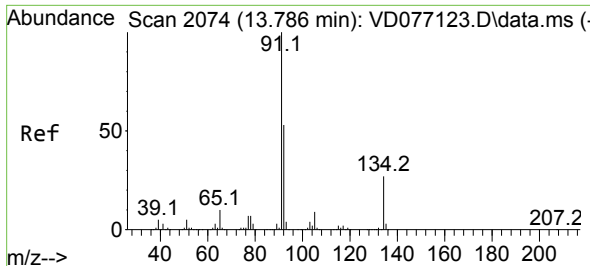
Ion Ratio Lower Upper

146 100

111 37.2 17.4 52.3

148 64.4 31.7 95.1

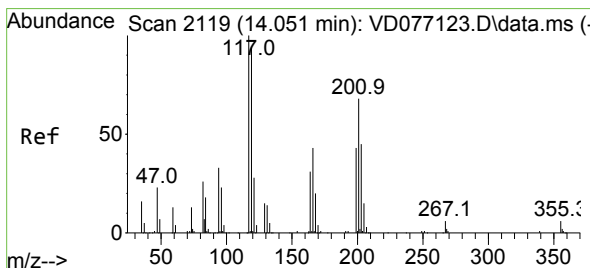
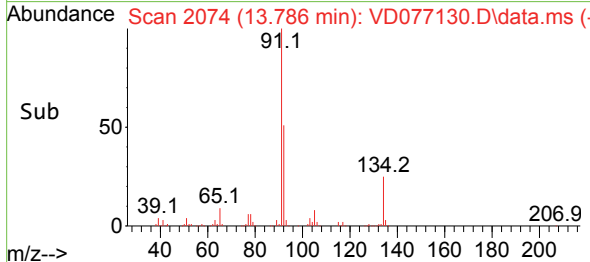
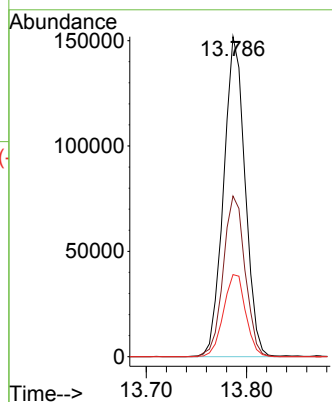
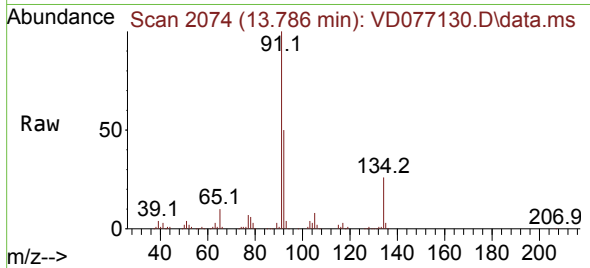




#89
n-Butylbenzene
Concen: 20.601 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

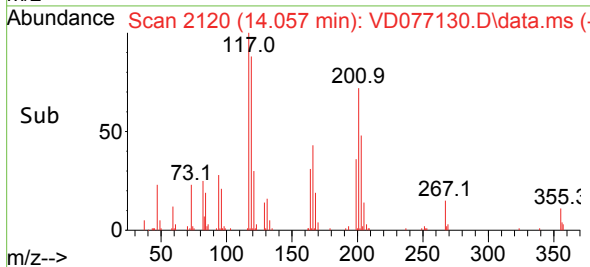
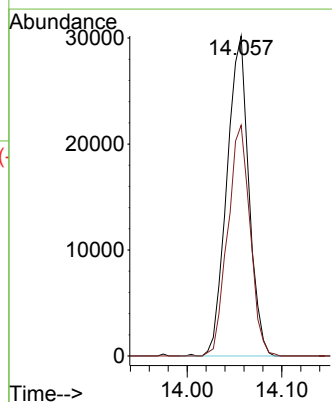
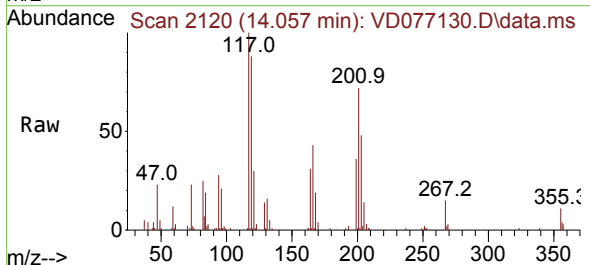
Instrument :
MSVOA_D
ClientSampleId :

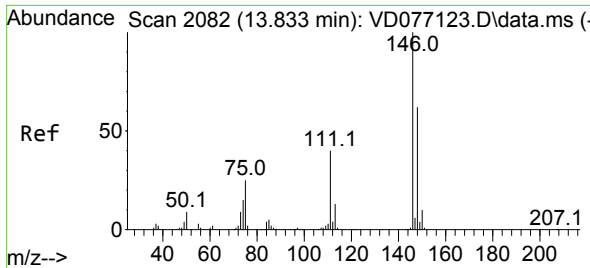
Tgt Ion: 91 Resp: 225292
Ion Ratio Lower Upper
91 100
92 51.2 26.5 79.5
134 26.6 13.8 41.3



#90
Hexachloroethane
Concen: 20.721 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

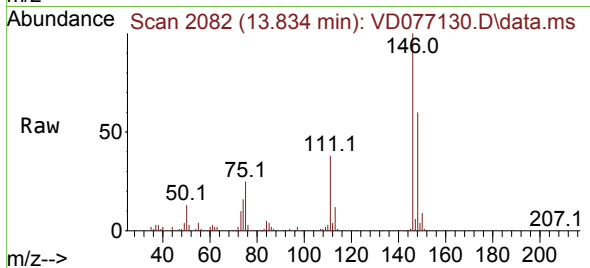
Tgt Ion: 117 Resp: 48716
Ion Ratio Lower Upper
117 100
201 73.4 38.5 115.5



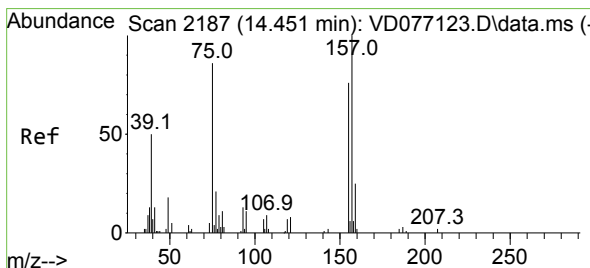
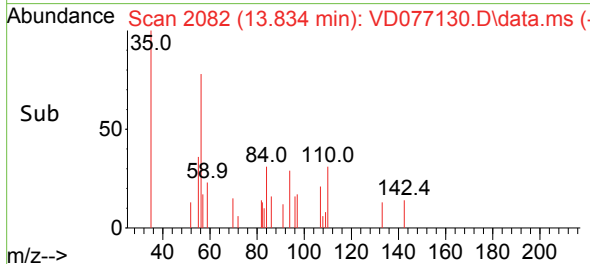
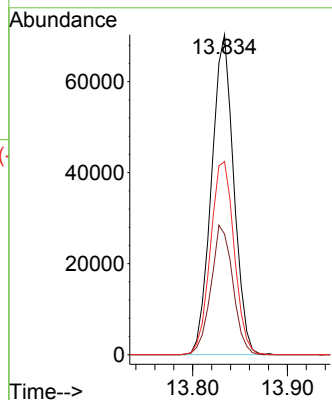


#91
1,2-Dichlorobenzene
Concen: 20.073 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

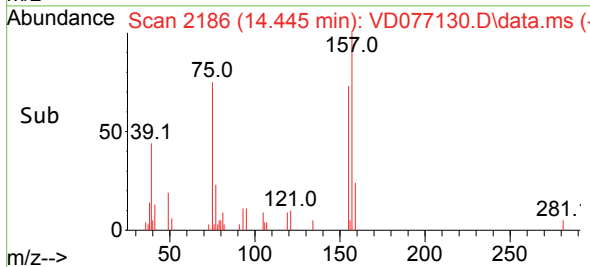
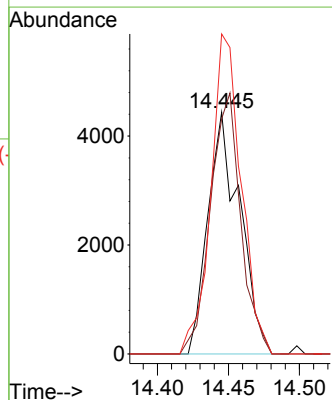
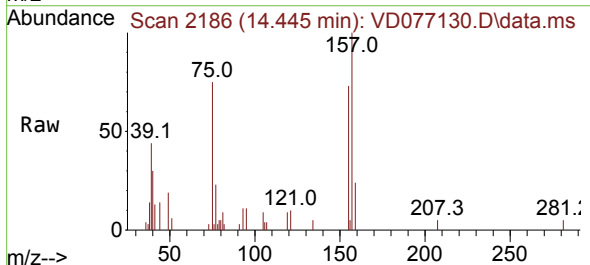


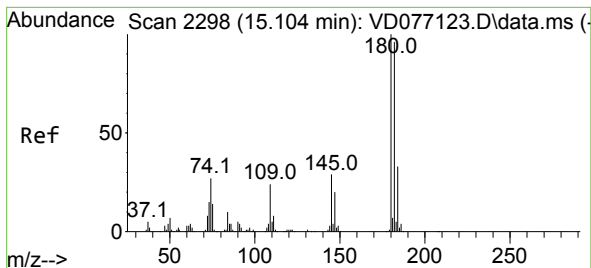
Tgt Ion:146 Resp: 115030
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 64.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.095 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077130.D
Acq: 18 Sep 2023 15:26

Tgt Ion: 75 Resp: 6938
Ion Ratio Lower Upper
75 100
155 102.4 47.9 143.8
157 125.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.129 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

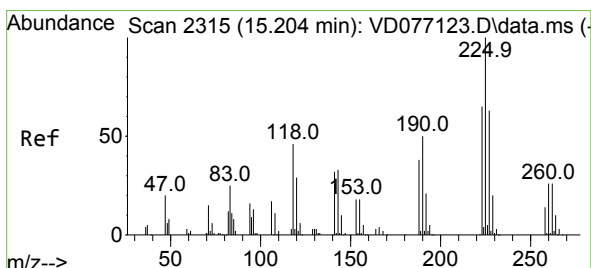
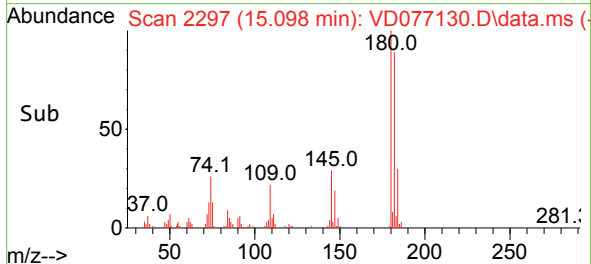
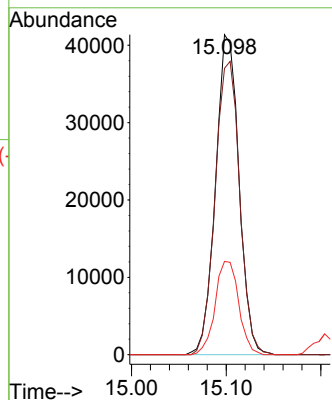
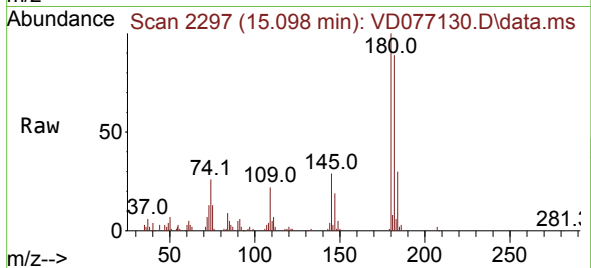
Tgt Ion:180 Resp: 71164

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.6

145 29.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.732 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

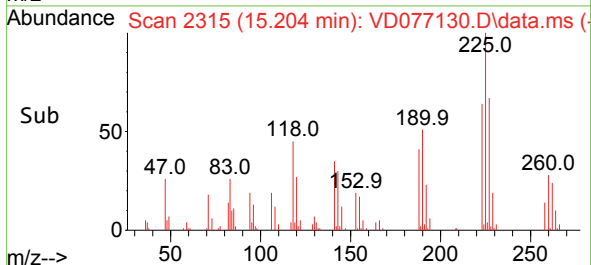
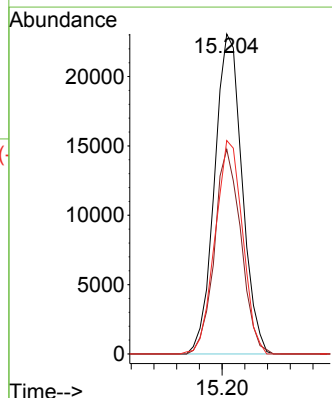
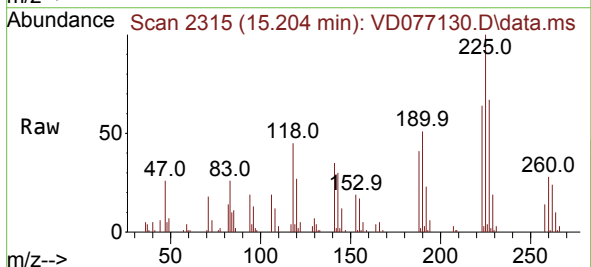
Tgt Ion:225 Resp: 38841

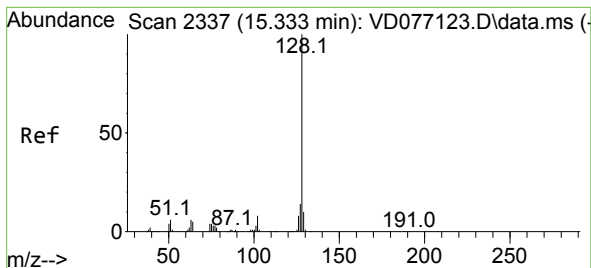
Ion Ratio Lower Upper

225 100

223 61.5 31.6 94.8

227 66.7 31.7 95.1





#95

Naphthalene

Concen: 19.012 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Instrument :

MSVOA_D

ClientSampleId :

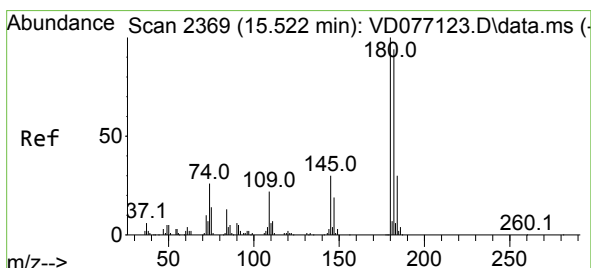
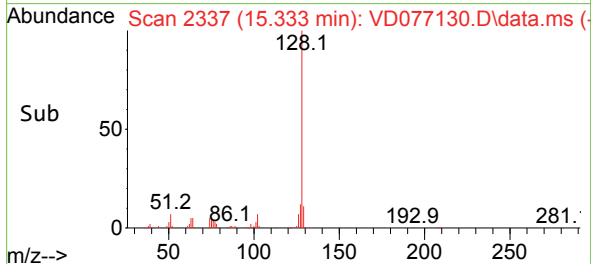
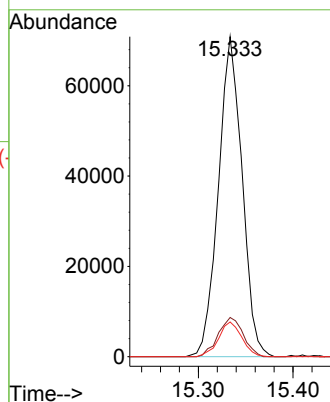
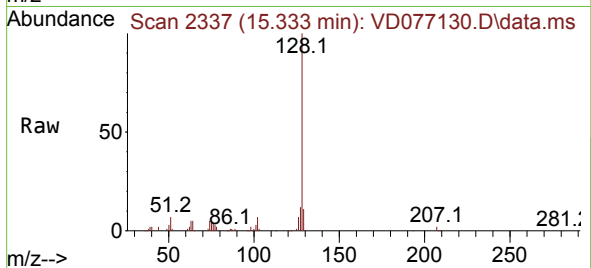
Tgt Ion:128 Resp: 123256

Ion Ratio Lower Upper

128 100

127 12.2 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.868 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077130.D

Acq: 18 Sep 2023 15:26

Tgt Ion:180 Resp: 62433

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 31.8 15.1 45.3

